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NEW HAMPSHIRE

# vital statistics 1982

the state center for health statistics

BUREAU OF VITAL RECORDS & HEALTH STATISTICS
OFFICE OF INFORMATION SERVICES
DIVISION OF PUBLIC HEALTH SERVICES
DEPARTMENT OF HEALTH AND WELFARE
HEALTH AND WELFARE BUILDING
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CONCORD, NEW HAMPSHIRE

# VITAL STATISTICS REPORT FOR THE STATE OF NEW HAMPSHIRE, 1982

TABLE OF CONTENTS


| | PAGE |
|---|---|
| INTRODUCTION | 1 |
| POPULATION | 4 |
| NATALITY | 15 |
| GENERAL MORTALITY | 23 |
| Infant, Neonatal & Fetal Mortality | 31 |
| MARRIAGE AND DIVORCE | 33 |
| APPENDIX | 36 |
| Definitions | 36 |
| Rate Computation Formulas | 37 |


## REQUESTS FOR DATA

In addition to the statistics and data appearing in this report, the Bureau has additional information available upon written request and will make every effort to comply with requests for data within its limitations of staff and resources.

Please direct all requests for data to:


Bureau of Vital Records/Health Statistics
Division of Public Health Services
Health and Welfare Building
Hazen Drive
Concord, New Hampshire 03301


AUGUST, 1983

## INTRODUCTION

This report is a statistical summary of vital events in New Hampshire for the calendar year of 1982. Data concerning births, deaths, marriages and divorces are presented. Interpretations of these data should take the following information into account.

Under-Registration of Events: While under-registration can occur, it can be considered a minimal problem in New Hampshire. The number of reports of events received too late for inclusion in annual summary statistics is not statistically significant when state-wide patterns are examined.

Geographic Allocation of Events: Geographic allocation is based on the reported residence or on the reported place of occurrence of an event. Every effort is made to be as accurate and as complete as possible in allocating an event. For births, infant deaths and fetal deaths, residence denotes the mother's usual residence. For deaths, the decedent's usual residence is used. For marriage and divorce, the data refer to New Hampshire occurrences only since there is no exchange of information for these events among states.

Comparability in Cause-of-Death Statistics: Two major factors affect the interpretation and comparability of cause-of-death statistics over time. They are changes in the scheme for classifying the causes and changes in diagnostic practices.

The classification scheme, the International Classification of Diseases (ICD), is modified approximately once every ten years to reflect changes in medical opinion and practices. The most recent revision, the ninth, was issued in 1978. Cause of death statistics in this 1982 report reflect the use of this ninth revision of the ICD.

To compare mortality statistics from one revision of the ICD to the next it is necessary to use "comparability ratios". Comparability ratios provide a measure of how much discontinuity exists in the mortality data resulting from the introduction of a new revision for the ICD. Such ratios are developed by comparing the number of deaths assigned to a cause, or group of causes in the previous revision to the number assigned in the next revision.

Underlying (principal) Cause of Death Data: Cause of death data have been classified using the automated system known as ACME (Automated Classification of Medical Entities). The system provides for computer assignment of the underlying cause of death in accordance with decision rules specified in a computer program. The rules are the same as those applied by nosologists in assigning underlying causes of death.

Nosologist application of the rules may sometimes contain error. ACME is said to eliminate this avenue of error since the exact same criteria are applied in every case in the machine process.

Interpreting Rates: A number of points should be kept in mind when examining rates.

Rates based on small numbers of events usually exhibit considerable variation. Such variation substantially limits the usefulness of rates as estimators of the probability of the occurrence of an event and their utility in making comparisons.

Unadjusted rates are not reliable for drawing definitive conclusions when comparing different areas since they do not take into account various factors which may influence the rate such as age, sex and occupation. For example, one should not assume that a rate difference between two areas for cardiovascular disease is significant where no adjustment for the age distributions in these areas has been made, since cardiovascular mortality rises with advancing age.

Where a rate difference appears to be significant, extreme care should be exercised in attributing the difference to any particular factor or set of factors. There are many variables which can influence rates and establishing a valid interpretation of the reason(s) for a rate difference requires substantial data and exacting analysis.

NOTE: All 1982 U.S. rates appearing in this report are provisional.

# Vital Events Summary 1982

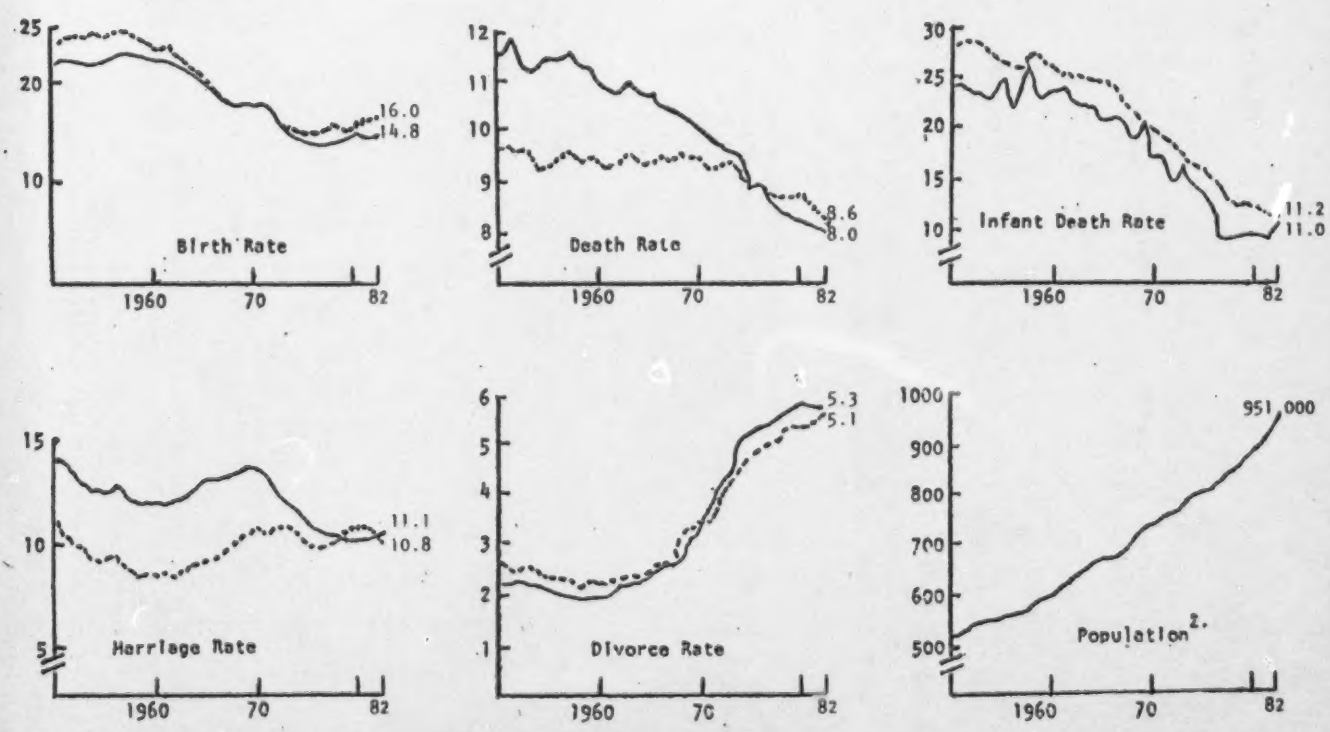
TABLE 1: SUMMARY VITAL STATISTICS, NEW HAMPSHIRE, 1982

| EVENT | RESIDENT NUMBER[1]. | RESIDENT RATE[2]. | OCCURRENCE NUMBER[3]. | OCCURRENCE RATE[2]. |
|---|---|---|---|---|
| Births | 14,059 | 14.8 per 1000 pop. | 14,147 | 14.9 per 1000 pop. |
| Deaths | 7,600 | 8.0 per 1000 pop. | 7,436 | 7.8 per 1000 pop. |
| Infant Deaths | 155 | 11.0 per 1000 live births | 130 | 9.2 per 1000 live births |
| Fetal Deaths | 87 | 6.2 per 1000 live births & fetal deaths | 107 | 7.5 per 1000 live births & fetal deaths |
| Marriages[3]. | -- | -- | 10,584 | 11.1 per 1000 pop. |
| Divorces [3,4] | -- | -- | 5,045 | 5.3 per 1000 pop. |
| Resident Natural Increase: 6,459 (births minus deaths)<br>Resident Rate of Natural Increase: 6.8 per 1,000 population.<br>1982 Estimate of State Population: 951,000 on July 1, 1982. | | | | |

1. Residence for births, infant deaths and fetal deaths is usual residence of mother.
2. Rates calculated using Federal-State Cooperative population estimate of 951,000 for 1982.
3. Marriage and divorce information is for occurrences within New Hampshire only.
4. Divorces include legal separations and annulments.

# TRENDS

New Hampshire and the U.S., 1960-1982[1].




1. Birth, Death, Divorce, Marriage Rates: per 1,000 population.
   Infant Death Rate: per 1,000 live births.

2. Population in thousands

## THIRTEEN YEAR SUMMARY, 1970-1982

### BIRTHS

During the first half of the seventies, the resident birth rate declined from 18.3 in 1970 to 13.6 in 1976. In 1977, the number of births per 1,000 population increased to 14.2. Since then the rate has generally exhibited increases and was 14.8 in 1982.

### DEATHS

Throughout the seventies the resident death rate decreased almost steadily, declining from 10.2 deaths per 1,000 population in 1970 to 8.4 in 1979. Further decreases in this rate occurred thereafter and in 1982 it was 8.0, the lowest death rate of record for the state.

### MARRIAGES

The number of marriages dropped from 13.6 per 1,000 population in 1970 to 10.3 in 1979. After another decrease to 10.0 in 1980, the rate increased over the next two years and reached 11.1 in 1982.

### DIVORCES

After almost continuous increases during the seventies, the divorce rate declined in 1980, when it was 5.7 per 1,000 population. Additional rate decreases took place in the next two years and in 1982 there were 5.3 divorces for every 1,000 persons.



TABLE 2 THIRTEEN YEAR SUMMARY: VITAL EVENTS[1] NUMBER AND RATES,[2] NEW HAMPSHIRE, 1970-1982

| YEAR | Mid-Year Population[3] | Live Births | | Deaths (except fetal) | | Infant Deaths | | Neonatal Deaths | | Fetal Deaths | | Maternal Deaths | | Out-of-Wedlock Births | | Marriages | | Divorces | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate | Number | Rate |
| 1970 | 742,000 | 13,506 | 18.3 | 7,341 | 10.2 | 234 | 18.1 | 171 | 13.3 | 131 | 10.2 | 3 | 2.2 | 879 | 65.1 | 10,006 | 13.6 | 2,478 | 3.4 |
| 1971 | 758,000 | 13,302 | 17.6 | 7,449 | 10.1 | 227 | 17.0 | 175 | 13.2 | 121 | 9.1 | 2 | 1.0 | 761 | 57.2 | 9,771 | 13.2 | 2,973 | 4.0 |
| 1972 | 774,000 | 12,133 | 15.7 | 7,502 | 9.7 | 178 | 14.7 | 123 | 10.1 | 105 | 8.6 | 1 | 0.8 | 829 | 68.3 | 9,752 | 12.6 | 3,229 | 4.2 |
| 1973 | 794,100 | 11,545 | 14.6 | 7,527 | 9.5 | 190 | 16.5 | 146 | 12.6 | 76 | 6.6 | 0 | 0.0 | 765 | 66.3 | 9,570 | 12.1 | 3,911 | 4.9 |
| 1974 | 807,800 | 11,613 | 14.4 | 7,708 | 9.5 | 163 | 14.0 | 121 | 10.4 | 89 | 7.6 | 1 | 0.9 | 804 | 69.2 | 9,239 | 11.4 | 4,088 | 5.1 |
| 1975 | 812,000 | 11,101 | 13.6 | 7,206 | 8.8 | 150 | 13.5 | 114 | 10.6 | 80 | 7.2 | 0 | 0.0 | 920 | 82.9 | 8,831 | 10.8 | 4,263 | 5.2 |
| 1976 | 822,000 | 11,186 | 13.6 | 7,375 | 9.0 | 128 | 11.4 | 101 | 9.0 | 79 | 7.0 | 1 | 0.9 | 946 | 84.6 | 8,550 | 10.4 | 4,322 | 5.3 |
| 1977 | 849,000 | 12,074 | 14.2 | 7,214 | 8.5 | 114 | 9.4 | 90 | 7.5 | 72 | 5.9 | 2 | 1.7 | 1,035 | 85.7 | 8,902 | 10.5 | 4,458 | 5.3 |
| 1978 | 871,100 | 12,386 | 14.2 | 7,304 | 8.4 | 124 | 10.0 | 95 | 7.7 | 68 | 5.5 | 0 | 0.0 | 1,193 | 96.3 | 9,121 | 10.5 | 4,766 | 5.5 |
| 1979 | 886,200 | 12,828 | 14.5 | 7,418 | 8.4 | 133 | 10.3 | 97 | 7.6 | 103 | 8.0 | 0 | 0.0 | 1,298 | 101.2 | 9,107 | 10.3 | 5,269 | 5.9 |
| 1980 | 920,610 | 13,715 | 14.9 | 7,594 | 8.2 | 135 | 9.8 | 102 | 7.4 | 66 | 4.8 | 0 | 0.0 | 1,498 | 109.2 | 9,251 | 10.0 | 5,254 | 5.7 |
| 1981 | 936,000 | 13,487 | 14.4 | 7,662 | 8.2 | 132 | 9.7 | 85 | 6.3 | 87 | 6.4 | 0 | 0.0 | 1,541 | 114.2 | 9,987 | 10.7 | 5,288 | 5.6 |
| 1982 | 951,000 | 14,059 | 14.8 | 7,600 | 8.0 | 155 | 11.0 | 120 | 8.5 | 87 | 6.2 | 2 | 1.4 | 1,730 | 123.1 | 10,584 | 11.1 | 5,045 | 5.3 |

1. Live Births, Deaths, Infant Deaths, Neonatal Deaths, Fetal Deaths and Maternal Deaths are by residence. Marriages and divorces are by occurrence.
2. Birth, Death, Marriage and Divorce rates: per 1,000 population. Infant death, Neonatal death and Out-of-Wedlock birth rates: per 1,000 live births.
   Maternal death rate: per 10,000 live births. Fetal death rate: per 1,000 live births plus fetal deaths.
3. Estimated for 1970-1979. U.S. Census final state population for 1980. 1981: Provisional Estimates from the U.S. Bureau of the Census. 1982 estimate based on federal-state cooperative estimate as of July 1, 1982.

## - POPULATION -

The 1982 state population was estimated to be 951,000 as of July 1, 1982.* This estimate reflects additional population of 15,000 for 1982 and represents an increase of 1.6 percent.

The amount of natural increase for 1982 (the excess of births over deaths) was 6,459 and the rate of natural increase was 6.8 per 1,000 population.

Of the additional population for 1982 (15,000), 43.1 percent is attributed to natural increase while 56.9 percent is assigned to in-migration.

As Table 3 below shows, a lower percentage of population growth in the eighties thus far (59.1 percent) is assignable to in-migration compared to the seventies (67.9 percent).

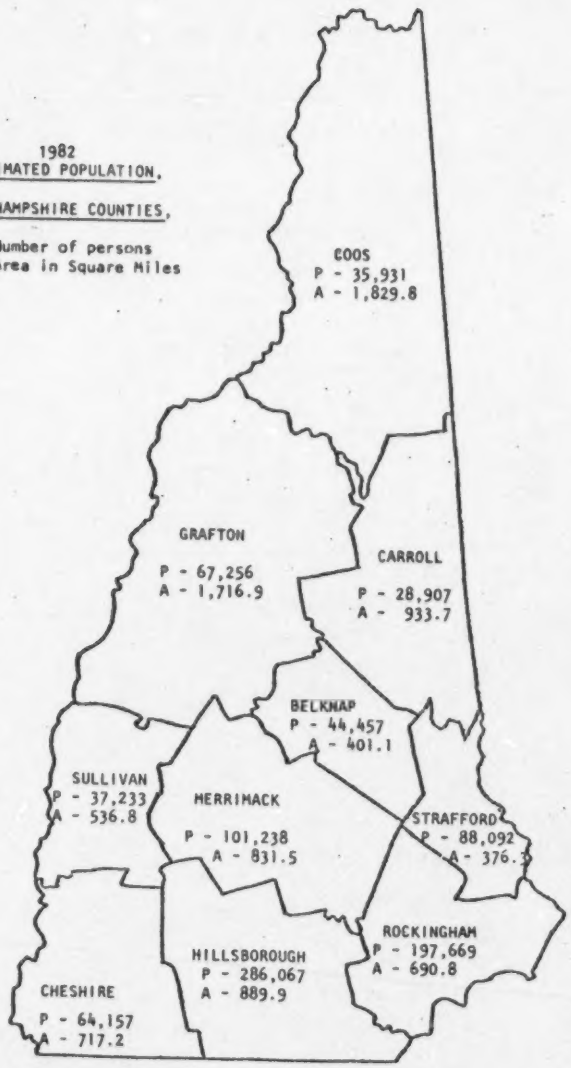



**TABLE 3 POPULATION CHANGE, NEW HAMPSHIRE, 1950-1982**

| TIME PERIOD | AMOUNT OF POPULATION CHANGE | COMPONENTS OF NATURAL INCREASE | | AMOUNT NATURAL INCREASE | % CHANGE ASSIGNED TO: | |
|---|---|---|---|---|---|---|
| | | BIRTHS | DEATHS | | NATURAL INCREASE | IN-MIGRATION |
| 1950-1959 | + 62,758 | 124,652 | 63,484 | 61,168 | 97.5 | 2.5 |
| 1960-1969 | +117,079 | 132,151 | 70,914 | 61,237 | 52.3 | 47.7 |
| 1970-1979 | +148,519 | 121,674 | 74,043 | 47,631 | 32.1 | 67.9 |
| 1980-1982 | + 30,390 | 27,546 | 15,262 | 12,284 | 40.4 | 59.1 |

* *1982 Federal-State cooperative estimate, New Hampshire Office of State Planning.*

Table 4 below presents population, population change and population density by county from 1960 to 1982.

TABLE 4 POPULATION PERCENT CHANGE AND DENSITY BY COUNTY, NEW HAMPSHIRE 1960-1980 and 1980-1982

| COUNTY | POPULATION[1] | | | | PERCENT CHANGE | | | DENSITY[2] | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1960 | 1970 | 1980 | Est. 1982 | 1960-1970 | 1970-1980 | 1980-1982 | 1960 | 1970 | 1980 | 1982 |
| Belknap | 28,912 | 32,367 | 42,884 | 44,457 | 12.0 | 32.5 | 3.7 | 72.1 | 80.7 | 106.9 | 110.8 |
| Carroll | 15,829 | 18,548 | 27,931 | 28,907 | 17.2 | 50.6 | 3.5 | 17.0 | 19.9 | 29.9 | 31.0 |
| Cheshire | 43,342 | 52,364 | 62,116 | 64,157 | 20.8 | 18.6 | 3.3 | 60.4 | 73.0 | 86.6 | 89.5 |
| Coos | 37,140 | 34,291 | 35,147 | 35,931 | -7.7 | 2.5 | 2.2 | 20.3 | 18.7 | 19.2 | 19.6 |
| Grafton | 48,857 | 54,914 | 65,806 | 67,256 | 12.4 | 19.8 | 2.2 | 28.5 | 32.0 | 38.3 | 39.2 |
| Hillsborough | 178,161 | 223,941 | 276,608 | 286,067 | 25.7 | 23.5 | 3.4 | 200.2 | 251.6 | 310.8 | 321.5 |
| Merrimack | 67,785 | 80,925 | 98,302 | 101,238 | 19.4 | 21.5 | 3.0 | 72.8 | 86.9 | 105.5 | 108.7 |
| Rockingham | 99,029 | 138,951 | 190,345 | 197,669 | 40.3 | 37.0 | 3.8 | 143.4 | 201.1 | 275.5 | 286.1 |
| Strafford | 59,799 | 70,431 | 85,408 | 88,092 | 17.8 | 21.3 | 3.1 | 158.7 | 186.9 | 226.6 | 233.7 |
| Sullivan | 28,067 | 30,949 | 36,063 | 37,233 | 10.3 | 16.5 | 3.2 | 52.3 | 57.7 | 67.2 | 69.4 |
| STATE: | 606,921 | 737,681 | 920,610 | 951,000[3] | 21.5 | 24.8 | 3.3 | 67.3 | 81.7 | 102.0 | 105.4 |

1. 1960, 1970, 1980 population from U.S.Census counts. 1982 population is a federal-state co-operative estimate, N.H.Office of State Planning.
2. Number of persons per square mile of land area.

Change in Selected Socio-Economic Characteristics of the State Population, 1970 and 1980

Additional, detailed data from the 1980 census reveal changes in some important socio-economic characteristics of the state's population since the 1970 census.

Socio-economic factors can affect the health status of a given population in various ways. Mortality for example, has been shown to be inversely related to socio-economic status: risk of death is highest for those of lowest status. Among other associations documented in studies are -

- An infant's birthweight and its survival are related to the mother's social and economic background.
- Persons in poverty are less likely to use preventive health care services than those with higher incomes.
- The amount of hospitalization is inversely related to income: members of low income families are hospitalized more frequently and for lengthier stays than higher income level family members.
- Workers in building trades occupations are at elevated risk of dying from cancer before the age of 55 years.
- The highly educated follow more favorable health practices than persons at lower educational levels.

Such demonstrated relationships underscore the importance of data which provide socio-economic perspectives for assessments of health status and the design of health-related programs.

In 1969, most New Hampshire families, 82.5 percent, had incomes below $15,000 and only 3.4 percent were at income levels of $25,000 or above. By 1979 only one-third (32.8 percent) of families reported incomes of less than $15,000 while 32.7 percent were at income levels of $25,000 and above. Median family income more than doubled, increasing from $9,698 in 1969 to $19,724 in 1979, but the gain in real income was less than this increase suggests, due to inflation.*

The poverty rate among all families decreased from 6.7 percent in 1969 to 6.1 percent in 1979. Among families with no minor children (under 18 years), the decrease was much more substantial, from 7.0 to 3.4 percent but among families with minors, the percentage of those in poverty increased from 6.4 percent in 1969 to 8.5 in 1979.

The higher 1979 poverty rate among families with minor children has been attributed mainly to changes in family composition since 1969. Specifically, the rate has been affected by increases in the proportion of families with a female head of household (no husband present) which are more likely to be at below poverty level incomes in comparison with other families.† In New Hampshire the number of families with minors, headed by a female, more than doubled between 1970 and 1980, rising by 104.9 percent (from 8,103 to 16,601) while the number of married couple families with children under 18 years grew by 14.2 percent (91,585 to 104,619).

Higher levels of educational attainment characterized the 1980 population in comparison with 1970. By 1980, almost three-quarters (72.8 percent) of persons over the age of 25 had graduated from high school in contrast to 57.6 percent in '79. And more than one-third (35.1 percent) had attended college or graduated from college compared to less than one-quarter (23.9 percent) in 1970.

Occupationally, shifts within New Hampshire paralleled national level changes over the seventies. To paraphrase one observer, we are well on the way to becoming a state of professionals, managers, administrators and allied personnel.** Over one half (52.1 percent) of the 1980 employed population worked in such occupations while 36.3 percent earned their livelihoods in "hands-on" related work such as farming, precision production and machine operation. In 1970, less than half (44.6 percent) worked in professional, administrative, management and allied capacities while 43.3 percent were employed in operative, craft, fabrication and similar positions (including farmers, fishermen and foresters).

On the whole, based on the characteristics described, New Hampshire's 1980 population exhibited a higher level of socio-economic status than the 1970 population, reflecting higher educational attainment, proportionately higher family incomes, a lower family poverty rate and a higher percentage of professional, administrative and technical workers.

In contrast to the general rise in socio-economic levels, the statewide number and percent of poor families with minor children increased and socio-economic changes varied to some extent, in direction and magnitude among New Hampshire's counties.

Socio-Economic Change Among New Hampshire Counties, 1970 Census and 1980 Census.

All counties exhibited the distributional shifts in family income observed at the state level between 1969 and 1970, that is proportionately fewer families with incomes

* *For example, the U.S. 1979 median family income was only 7 percent higher than the 1970 level after adjustment for inflation.*

† *Money Income and Poverty Status of Families and Persons in the United States: 1979 (Advance Report), U.S. Bureau of the Census, CPR: Consumer Income Series P-60, No. 125.*

** *Robey and Russell, "How America is Changing", in American Demographics, July/August 1982. Vol. 4, No. 7.*

below $15,000, sizeable increases in the numbers and percentages of families at $25,000 or higher income levels and increased median family income for 1980 which ranged from a low of $15,597 in Carroll county to a high of $21,483 in Hillsborough county. But in three counties, Belknap, Cheshire and Sullivan, the family poverty rate increased, counter to this rate's decline statewide and in all other counties. And Coos county, though exhibiting a decreased family poverty rate in 1980, still led all other counties in percentage of poor families, 9.9 in 1969 and 9.2 in 1979.

In educational attainment, all counties registered 1980 decreases in the percentage of persons age 25 years and over with less than 12 years of schooling, in comparison with 1970. Belknap county experienced the lowest rate decrease (32.6 percent, below the state level decrease of 34.9) while Rockingham displayed the highest rate decrease (70.6 percent).

The number of professional, managerial and administrative workers increased in every county between 1970 and 1980 and their numbers as percentages of total county work forces also increased except in Belknap and Coos which exhibited slight percentage declines. Similarly, the number of persons in more manually-oriented occupations (operative, craft, precision production, et.al.) also increased in all counties. However, these increases were accompanied by declines of these workers as a proportion of the total work force, in every county. The leading declines were observed for Grafton county, 20.1 percent and Hillsborough county, 20.0 percent.

See Table 6 for socio-economic characteristics of the state and each county, 1970 and 1980.

## Northern New England: A 1980 Socio-Economic Comparison

Table 5 presents a comparison of New Hampshire with its northern New England neighbors, Maine and Vermont, in relation to a number of socio-economic measures based on 1980 census data.

As this table indicates, New Hampshire's 1980 median family, median household and per capita income levels exceeded those of Maine and Vermont. Per capita income in New Hampshire for instance, was 18.6 percent higher versus Maine and 11.0 percent higher than in Vermont.

Poverty was less extensive in New Hampshire than in its northern neighbor states. Maine reflected the highest family poverty rate of 9.7 percent in comparison with New Hampshire's low of 6.1 percent. Among unrelated individuals, the prevalence of poverty was again highest in Maine, 29.7 percent, lowest in the Granite State, 23.3 percent.

Vermont led northern New England in its percentage of college graduates, 19.5 percent but New Hampshire contained proportionately fewer persons (27.7 percent) with less than a high school education than either Maine (31.5 percent) or Vermont (29.5 percent).

Both male and female labor force participation rates were highest in New Hampshire, 78.0 and 54.5 percent respectively. Maine's participation rates, 72.9 percent male and 47.9 percent female, were the lowest.

Median residential housing values were: New Hampshire $48,000, Vermont $42,300 and Maine $37,900.

In sum, New Hampshire compared favorably to Maine and Vermont in almost every socio-economic measure presented here.

TABLE 5 SELECTED SOCIAL AND ECONOMIC CHARACTERISTICS OF THE POPULATION, NEW HAMPSHIRE, MAINE AND VERMONT, 1980*

| Characteristic | New Hampshire No. | % | Maine No. | % | Vermont No. | % |
|---|---|---|---|---|---|---|
| Household Composition | | | | | | |
| Total Households | 323,493 | 100.0 | 396,770 | 100.0 | 178,269 | 100.0 |
| Family: no related children under 18 years | 109,189 | 33.7 | 140,093 | 35.3 | 59,024 | 33.1 |
| Family: with related children under 18 years | 130,458 | 40.3 | 155,954 | 39.3 | 69,247 | 38.8 |
| All non-family households | 83,846 | 25.9 | 100,723 | 25.4 | 49,994 | 28.0 |
| Income (based on reports of 1979 income) | | | | | | |
| Median family income | $19,724 | | $16,208 | | $17,549 | |
| Median Household Income | $17,013 | | $13,825 | | $15,053 | |
| Per Capita Income | $ 6,931 | | $ 5,846 | | $ 6,245 | |
| Poverty Status | % | | % | | % | |
| All Families: percent below poverty level | 6.1 | | 9.7 | | 8.3 | |
| Families with children under 18: percent below poverty level | 8.5 | | 13.4 | | 11.9 | |
| Unrelated individuals: percent below poverty level | 23.3 | | 29.7 | | 26.9 | |
| Education Levels (persons 25 yrs.old & over) | % | | % | | % | |
| Persons: Percent Less than H.S. | 27.7 | | 31.5 | | 29.5 | |
| Persons: Percent Completed H.S. | 54.1 | | 54.5 | | 51.0 | |
| Persons: Percent Coll.grads & above | 18.2 | | 14.0 | | 19.5 | |
| Civilian Labor Force Status | % | | % | | % | |
| Male (16 yrs. & over) labor force participation rate | 78.0 | | 72.9 | | 74.8 | |
| Female (16yrs.& over) labor force participation rate | 54.5 | | 47.9 | | 52.4 | |
| Residential Housing Values (Single family, non-condominiums on less than 10 acres) | % | | % | | % | |
| Under $20,000 | 5.8 | | 13.3 | | 8.5 | |
| $20,000-$49,999 | 48.4 | | 62.6 | | 58.1 | |
| $50,000-$79,999 | 35.8 | | 19.4 | | 26.9 | |
| $80,000 and above | 9.9 | | 4.6 | | 6.5 | |
| Median Value | $48,000 | | $37,900 | | $42,300 | |

* All New Hampshire data except for residential housing values are based on tabulations provided by the N.H. Office of State Planning, 1983, using source data from the U.S.Bureau of the Census 1980 estimates derived from sample of 1980 N. H. population. Maine and Vermont data, except for residential housing values, are from U.S.Bureau of the Census publication PHC80-S1-1, Provisional Estimates of Social, Economic and Housing Characteristics, March, 1982. Residential housing data are from American Demographics, May 1982, Vol.4, No. 5.

## TABLE 6 NUMBER AND PERCENT DISTRIBUTIONS, SELECTED SOCIAL AND ECONOMIC

| Socio-Economic Characteristic | STATE OF NEW HAMPSHIRE 1970 No. | % | 1980 No. | % | BELKNAP 1970 No. | % | 1980 No. | % | CARROLL 1970 No. | % | 1980 No. | % | CHESHIRE 1970 No. | % | 1980 No. | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FAMILY INCOME** | | | | | | | | | | | | | | | | |
| Less than $10,000 | 96,160 | 52.3 | 40,352 | 16.8 | 4422 | 53.5 | 2181 | 19.2 | 3198 | 65.3 | 1860 | 23.8 | 7197 | 54.4 | 2911 | 18.1 |
| $10,000 - $14,999 | 55,575 | 30.2 | 38,398 | 16.0 | 2472 | 29.9 | 2297 | 20.2 | 1142 | 23.3 | 1842 | 23.5 | 3925 | 29.7 | 2835 | 17.6 |
| $15,000 - $24,999 | 25,928 | 14.1 | 82,574 | 34.5 | 1094 | 13.2 | 3844 | 33.8 | 399 | 8.1 | 2486 | 31.8 | 1683 | 12.8 | 6041 | 37.5 |
| $25,000 & Over | 6,162 | 3.4 | 78,323 | 32.7 | 283 | 3.4 | 3061 | 26.9 | 160 | 3.3 | 1638 | 20.9 | 398 | 3.0 | 4340 | 26.9 |
| Median Income, All Families | $ 9,698 | | $19,724 | | $9526 | | $17824 | | $8070 | | $15597 | | $9413 | | $18496 | |
| **POVERTY STATUS OF FAMILIES[2]** | | | | | | | | | | | | | | | | |
| All Families | | | | | | | | | | | | | | | | |
| Above poverty level | 171,582 | 93.3 | 224,932 | 93.9 | 7748 | 93.7 | 11121 | 92.7 | 4440 | 90.6 | 7143 | 91.3 | 12392 | 93.9 | 14991 | 93.0 |
| Below poverty leve | 12,243 | 6.7 | 14,715 | 6.1 | 523 | 6.3 | 875 | 7.3 | 459 | 9.4 | 683 | 8.7 | 803 | 6.1 | 1136 | 7.0 |
| Families with children under 18 yrs. | | | | | | | | | | | | | | | | |
| Above poverty level | 99,227 | 93.6 | 119,434 | 91.5 | 4225 | 94.1 | 5342 | 89.6 | 2226 | 89.7 | 3131 | 86.1 | 7085 | 94.3 | 7555 | 90.6 |
| Below poverty level | 6,834 | 6.4 | 11,024 | 8.5 | 264 | 5.9 | 621 | 10.4 | 256 | 10.3 | 506 | 13.9 | 427 | 5.7 | 782 | 9.4 |
| Families, no children under 18 yrs. | | | | | | | | | | | | | | | | |
| Above poverty level | 72,355 | 93.0 | 105,498 | 96.6 | 3523 | 93.2 | 5166 | 95.3 | 2214 | 91.6 | 4012 | 95.8 | 5307 | 93.4 | 7436 | 95.5 |
| Below poverty level | 5,409 | 7.0 | 3,691 | 3.4 | 259 | 6.8 | 254 | 4.7 | 203 | 8.4 | 177 | 4.2 | 376 | 6.6 | 354 | 4.5 |
| **EDUCATION LEVEL[3]** | | | | | | | | | | | | | | | | |
| Less than High School | 168,709 | 42.4 | 150,385 | 27.7 | 8154 | 44.2 | 7882 | 29.8 | 4074 | 36.8 | 4139 | 22.5 | 12161 | 43.0 | 10319 | 28.1 |
| Completed High School | 136,982 | 34.4 | 201,416 | 37.2 | 6180 | 33.5 | 9701 | 36.7 | 3894 | 35.2 | 6711 | 36.5 | 10126 | 35.8 | 14059 | 38.3 |
| Some College | 48,837 | 12.3 | 91,468 | 16.9 | 2361 | 12.8 | 4576 | 17.3 | 1760 | 15.9 | 3728 | 20.3 | 2912 | 10.3 | 5716 | 15.6 |
| Completed College or more | 43,153 | 10.9 | 98,684 | 18.2 | 1745 | 9.5 | 4297 | 16.2 | 1347 | 12.2 | 3806 | 20.7 | 3065 | 10.8 | 6622 | 18.0 |
| **OCCUPATION[4]** | | | | | | | | | | | | | | | | |
| Professional, Managers & Admin. | 64,020 | 21.8 | 99,314 | 23.0 | 2870 | 22.1 | 4162 | 21.2 | 1724 | 24.0 | 2925 | 24.7 | 4450 | 20.0 | 5957 | 20.5 |
| Tech, Sales, Admin support | 67,044 | 22.8 | 125,996 | 29.1 | 2632 | 20.3 | 5089 | 25.9 | 1466 | 20.4 | 3205 | 27.0 | 4940 | 22.2 | 8278 | 28.5 |
| Service | 35,464 | 12.1 | 49,880 | 11.5 | 1873 | 14.4 | 2725 | 13.8 | 1164 | 16.2 | 1698 | 14.3 | 2535 | 11.4 | 3316 | 11.4 |
| Farming, fishing, forestry | 3,634 | 1.2 | 6,682 | 1.5 | 222 | 1.7 | 283 | 1.4 | 84 | 1.2 | 283 | 2.4 | 274 | 1.2 | 594 | 2.0 |
| Precision, operating, laborers et.al. | 123,962 | 42.1 | 150,750 | 34.8 | 5396 | 41.5 | 7418 | 37.7 | 2752 | 38.3 | 3751 | 31.6 | 10098 | 45.3 | 10914 | 37.6 |

1. Based on tabulations provided by the N.H.Office of Planning, 1983. Original data source: U.S.Bureau of the Census, 1970 and 1980 estimates derived from samples of N.H. population.
2. Poverty status is based on 1970 and 1980 reports of income for 1969 and 1979. National average poverty threshold for non-farm family of four in 1969 was $3745, in 1979, $7412.
3. Educational levels are for persons age 25 years and over.
4. Occupation was reported for the employed, experienced unemployed and persons 16 years old and over with work experience but not currently in the labor force. Because of major changes in the classification system for coding individual occupations, the 1970 and 1980 data are not totally comparable in all respects and should be interpreted with caution.

## CHARACTERISTICS, NEW HAMPSHIRE AND NEW HAMPSHIRE COUNTIES, 1970 and 1980[1].

| | COOS | | | | GRAFTON | | | | HILLSBOROUGH | | | | MERRIMACK | | | | ROCKINGHAM | | | | STRAFFORD | | | | SULLIVAN | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1970 | | 1980 | | 1970 | | 1980 | | 1970 | | 1980 | | 1970 | | 1980 | | 1970 | | 1980 | | 1970 | | 1980 | | 1970 | | 1980 | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| | 5843 | 67.3 | 2309 | 24.0 | 7547 | 56.8 | 3261 | 20.1 | 26265 | 47.2 | 10456 | 14.6 | 10191 | 51.8 | 4207 | 16.5 | 17428 | 49.3 | 7121 | 14.5 | 9124 | 54.3 | 3743 | 17.7 | 4945 | 61.3 | 2103 | 21.5 |
| | 2005 | 23.1 | 1907 | 19.8 | 3436 | 25.9 | 3287 | 20.3 | 18357 | 33.0 | 9665 | 13.5 | 6084 | 30.9 | 4221 | 16.6 | 11067 | 31.3 | 7051 | 14.0 | 4917 | 29.2 | 3575 | 16.9 | 2170 | 26.9 | 1718 | 17.6 |
| | 682 | 7.9 | 3569 | 37.0 | 1699 | 12.8 | 5663 | 34.9 | 9023 | 16.2 | 23582 | 32.9 | 2683 | 13.6 | 9153 | 36.0 | 5722 | 16.2 | 17144 | 33.9 | 2240 | 13.3 | 7595 | 36.0 | 703 | 8.7 | 3497 | 35.7 |
| | 157 | 1.8 | 1850 | 19.2 | 597 | 4.5 | 4020 | 24.8 | 1971 | 3.5 | 27905 | 39.0 | 716 | 3.6 | 7873 | 30.9 | 1110 | 3.1 | 18984 | 37.6 | 533 | 3.2 | 6182 | 29.3 | 245 | 3.0 | 2470 | 25.2 |
| | $8137 | | $16440 | | $9066 | | $17288 | | $10345 | | $21483 | | $9765 | | $19395 | | $10084 | | $21181 | | $9474 | | $18899 | | $8636 | | $17419 | |
| | 7831 | 90.1 | 8753 | 90.8 | 12221 | 92.0 | 15115 | 93.1 | 52312 | 94.[illegible] | [illegible] | 94.5 | 18485 | 94.0 | 25245 | 94.8 | 33045 | 93.5 | 47930 | 94.9 | 15661 | 93.1 | 21095 | 93.8 | 7447 | 92.4 | 9027 | 92.2 |
| | 856 | 9.9 | 882 | 9.2 | 1058 | 8.0 | 1116 | 6.9 | 3304 | 5.9 | 3903 | 5.5 | 1189 | 6.0 | 1398 | 5.2 | 2282 | 6.5 | 2570 | 5.1 | 1153 | 6.9 | 1391 | 6.2 | 616 | 7.6 | 761 | 7.8 |
| | 4405 | 90.3 | 4327 | 87.3 | 6812 | 93.4 | 7570 | 90.2 | 31185 | 94.5 | 37195 | 92.4 | 10237 | 93.5 | 12669 | 92.0 | 19825 | 93.4 | 26723 | 93.5 | 9013 | 93.2 | 10464 | 90.9 | 4214 | 92.3 | 4458 | 88.1 |
| | 475 | 9.7 | 528 | 12.7 | 485 | 6.6 | 821 | 9.8 | 1813 | 5.5 | 3057 | 7.6 | 708 | 6.5 | 1104 | 8.0 | 1401 | 6.6 | 1859 | 6.5 | 655 | 6.8 | 1045 | 9.1 | 350 | 7.7 | 601 | 11.9 |
| | 3426 | 90.0 | 4426 | 94.6 | 5409 | 90.4 | 7545 | 96.2 | 21127 | 93.4 | 30510 | 97.3 | 8248 | 94.5 | 11387 | 97.5 | 13220 | 93.8 | 21207 | 96.8 | 6648 | 93.0 | 9240 | 96.4 | 3233 | 92.4 | 4569 | 96.6 |
| | 381 | 10.0 | 254 | 5.4 | 573 | 9.6 | 295 | 3.8 | 1451 | 6.6 | 846 | 2.7 | 481 | 5.5 | 294 | 2.5 | 881 | 6.2 | 711 | 3.2 | 498 | 7.0 | 346 | 3.6 | 266 | 7.6 | 160 | 3.4 |
| | 10610 | 54.7 | 8902 | 41.3 | 11303 | 39.2 | 10160 | 26.9 | 53794 | 44.8 | 46685 | 28.9 | 18162 | 40.0 | 15410 | 26.0 | 25312 | 34.6 | 25435 | 22.7 | 16660 | 46.8 | 13876 | 30.0 | 8479 | 48.5 | 7577 | 34.5 |
| | 6431 | 33.2 | 8358 | 38.7 | 9651 | 33.4 | 13374 | 35.4 | 38909 | 32.4 | 57600 | 35.7 | 16279 | 35.8 | 21578 | 36.5 | 28234 | 38.6 | 44088 | 39.3 | 11499 | 32.3 | 17221 | 37.2 | 5779 | 33.0 | 8726 | 39.8 |
| | 1375 | 7.1 | 2544 | 11.8 | 3703 | 12.8 | 5959 | 15.8 | 14865 | 12.4 | 27386 | 17.0 | 5733 | 12.6 | 10484 | 17.7 | 10576 | 14.5 | 21149 | 18.9 | 3636 | 10.2 | 7023 | 15.2 | 1916 | 11.0 | 2903 | 13.2 |
| | 976 | 5.0 | 1776 | 8.2 | 4200 | 14.6 | 8249 | 21.9 | 12437 | 10.4 | 29875 | 18.5 | 5246 | 11.6 | 11724 | 19.8 | 9056 | 12.4 | 21470 | 19.1 | 3768 | 10.6 | 8120 | 17.6 | 1313 | 7.5 | 2745 | 12.5 |
| | 2241 | 17.9 | 2365 | 17.1 | 5282 | 24.2 | 7658 | 25.7 | 19955 | 21.8 | 31768 | 23.5 | 7350 | 22.6 | 11370 | 24.3 | 12482 | 23.7 | 22089 | 24.3 | 5467 | 19.3 | 8052 | 20.6 | 2199 | 17.5 | 2968 | 18.0 |
| | 1942 | 15.5 | 3023 | 21.9 | 4380 | 20.1 | 7873 | 26.4 | 22805 | 25.0 | 42630 | 31.5 | 8031 | 24.7 | 13976 | 29.9 | 12555 | 23.9 | 27325 | 30.1 | 5833 | 20.6 | 10762 | 27.5 | 2460 | 19.6 | 3835 | 23.2 |
| | 1568 | 12.5 | 1772 | 12.8 | 3557 | 16.3 | 4543 | 15.2 | 9604 | 10.5 | 14292 | 10.6 | 4096 | 12.6 | 5607 | 12.0 | 6266 | 11.9 | 9854 | 10.9 | 3467 | 12.3 | 4256 | 10.9 | 1334 | 10.6 | 1817 | 11.0 |
| | 323 | 2.6 | 570 | 4.1 | 465 | 2.1 | 859 | 2.9 | 665 | 0.7 | 1114 | 0.8 | 488 | 1.5 | 850 | 1.8 | 540 | 1.0 | 1129 | 1.2 | 305 | 1.1 | 538 | 1.4 | 268 | 2.1 | 462 | 2.8 |
| | 6439 | 51.5 | 6083 | 44.0 | 8154 | 37.3 | 8871 | 29.8 | 38358 | 42.0 | 45422 | 33.6 | 12528 | 38.6 | 15007 | 32.1 | 20737 | 39.4 | 30363 | 33.5 | 13217 | 46.7 | 15498 | 39.6 | 6283 | 50.1 | 7423 | 45.0 |

TABLE 7 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1982

| COUNTY & TOWN | ESTIMATED POPULATION | RESIDENT BIRTHS | | | RESIDENT DEATHS | | | RECORDED MARRIAGES | RECORDED DIVORCES |
|---|---|---|---|---|---|---|---|---|---|
| | | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE | | |
| NEW HAMPSHIRE | 951,000 | 14,059 | 7,184 | 6,875 | 7,600 | 4,020 | 3,580 | 10,584 | 5,045 |
| BELKNAP | 44,457 | 628 | 304 | 324 | 422 | 234 | 188 | 487 | 233 |
| Alton | 2,527 | 36 | 20 | 16 | 22 | 12 | 10 | 36 | |
| Barnstead | 2,466 | 34 | 17 | 17 | 17 | 8 | 9 | 13 | |
| Belmont | 4,151 | 55 | 28 | 27 | 25 | 16 | 9 | 26 | |
| Center Harbor | 890 | 9 | 3 | 6 | 9 | 7 | 2 | 12 | |
| Gilford | 4,954 | 56 | 24 | 32 | 29 | 16 | 13 | 54 | |
| Gilmanton | 2,106 | 31 | 18 | 13 | 13 | 9 | 4 | 26 | |
| Laconia | 15,989 | 227 | 99 | 128 | 175 | 85 | 90 | 192 | |
| Meredith | 4,700 | 59 | 31 | 28 | 59 | 29 | 30 | 59 | |
| New Hampton | 1,350 | 23 | 16 | 7 | 5 | 3 | 2 | 12 | |
| Sanbornton | 1,724 | 23 | 13 | 10 | 16 | 10 | 6 | 16 | |
| Tilton | 3,600 | 75 | 35 | 40 | 52 | 39 | 13 | 41 | |
| CARROLL | 28,907 | 402 | 213 | 189 | 279 | 146 | 133 | 412 | 129 |
| Albany | 440 | 8 | 6 | 2 | 5 | 1 | 4 | 6 | |
| Bartlett | 1,616 | 12 | 9 | 3 | 9 | 6 | 3 | 7 | |
| Brookfield | 402 | 5 | 2 | 3 | 2 | 0 | 2 | 0 | |
| Chatham | 189 | 2 | 0 | 2 | 5 | 2 | 3 | 1 | |
| Conway | 7,384 | 122 | 69 | 53 | 75 | 45 | 30 | 138 | |
| Eaton | 261 | 4 | 1 | 3 | 2 | 1 | 1 | 4 | |
| Effingham | 636 | 7 | 4 | 3 | 3 | 0 | 3 | 4 | |
| Freedom | 752 | 6 | 3 | 3 | 8 | 3 | 5 | 13 | |
| Hart's Location | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Jackson | 656 | 8 | 3 | 5 | 3 | 0 | 3 | 23 | |
| Madison | 1,157 | 22 | 12 | 10 | 5 | 3 | 2 | 13 | |
| Moultonboro | 2,191 | 41 | 22 | 19 | 23 | 16 | 7 | 21 | |
| Ossipee | 2,571 | 43 | 22 | 21 | 29 | 15 | 14 | 32 | |
| Sandwich | 915 | 12 | 6 | 6 | 10 | 3 | 7 | 15 | |
| Tamworth | 1,708 | 26 | 14 | 12 | 12 | 6 | 6 | 27 | |
| Tuftonboro | 1,532 | 12 | 1 | 11 | 14 | 5 | 9 | 22 | |
| Wakefield | 2,330 | 40 | 22 | 18 | 34 | 19 | 15 | 29 | |
| Wolfeboro | 4,146 | 32 | 17 | 15 | 40 | 21 | 19 | 56 | |
| CHESHIRE | 64,157 | 954 | 513 | 441 | 537 | 301 | 236 | 799 | 343 |
| Alstead | 1,523 | 32 | 24 | 8 | 9 | 4 | 5 | 12 | |
| Chesterfield | 2,626 | 51 | 29 | 22 | 26 | 12 | 14 | 18 | |
| Dublin | 1,406 | 17 | 11 | 6 | 7 | 4 | 3 | 13 | |
| Fitzwilliam | 1,789 | 33 | 15 | 18 | 17 | 11 | 6 | 16 | |
| Gilsum | 677 | 7 | 3 | 4 | 7 | 3 | 4 | 0 | |
| Harrisville | 884 | 17 | 8 | 9 | 7 | 4 | 3 | 10 | |
| Hinsdale | 3,662 | 52 | 30 | 22 | 34 | 20 | 14 | 37 | |
| Jaffrey | 4,369 | 69 | 30 | 39 | 50 | 30 | 20 | 64 | |
| Keene | 22,034 | 282 | 153 | 129 | 202 | 99 | 103 | 261 | |
| Marlboro | 1,851 | 31 | 20 | 11 | 10 | 9 | 1 | 35 | |
| Marlow | 598 | 7 | 1 | 6 | 1 | 1 | 0 | 3 | |
| Nelson | 476 | 7 | 2 | 5 | 3 | 1 | 2 | 7 | |
| Richmond | 570 | 7 | 5 | 2 | 2 | 2 | 0 | 5 | |
| Rindge | 3,565 | 67 | 34 | 33 | 14 | 7 | 7 | 130 | |
| Roxbury | 188 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | |
| Stoddard | 525 | 4 | 3 | 1 | 4 | 3 | 1 | 8 | |
| Sullivan | 605 | 11 | 8 | 3 | 10 | 6 | 4 | 4 | |
| Surry | 679 | 6 | 3 | 3 | 3 | 3 | 0 | 7 | |
| Swanzey | 5,353 | 80 | 40 | 40 | 34 | 18 | 16 | 37 | |
| Troy | 2,221 | 35 | 20 | 15 | 16 | 12 | 4 | 30 | |
| Walpole | 3,287 | 51 | 25 | 26 | 32 | 21 | 11 | 36 | |
| Westmoreland | 1,594 | 16 | 9 | 7 | 24 | 14 | 10 | 13 | |
| Winchester | 3,675 | 70 | 39 | 31 | 24 | 16 | 8 | 33 | |
| COOS | 35,931 | 426 | 221 | 205 | 376 | 207 | 169 | 333 | 134 |
| Berlin | 13,302 | 133 | 68 | 65 | 176 | 90 | 86 | 83 | |
| Carroll | 670 | 8 | 6 | 2 | 8 | 5 | 3 | 12 | |
| Clarksville | 245 | 3 | 1 | 2 | 2 | 1 | 1 | 0 | |
| Colebrook | 2,632 | 42 | 23 | 19 | 21 | 11 | 10 | 40 | |
| Columbia | 708 | 4 | 2 | 2 | 5 | 4 | 1 | 1 | |
| Dalton | 664 | 8 | 4 | 4 | 5 | 5 | 0 | 3 | |
| Dixville | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Dummer | 392 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | |
| Errol | 299 | 5 | 2 | 3 | 2 | 0 | 2 | 2 | |
| Gorham | 3,326 | 28 | 15 | 13 | 27 | 15 | 12 | 44 | |
| Jefferson | 321 | 16 | 9 | 7 | 5 | 1 | 4 | 4 | |
| Lancaster | 3,534 | 60 | 28 | 32 | 35 | 20 | 15 | 35 | |

TABLE 7 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1982

| COUNTY & TOWN | ESTIMATED POPULATION* | RESIDENT BIRTHS | | | RESIDENT DEATHS | | | RECORDED MARRIAGES | RECORDED DIVORCES |
|---|---|---|---|---|---|---|---|---|---|
| | | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE | | |
| COOS (Cont'd) | | | | | | | | | |
| Milan | 1,075 | 3 | 2 | 1 | 3 | 1 | 2 | 11 | |
| Northumberland | 2,528 | 25 | 9 | 16 | 22 | 18 | 4 | 31 | |
| Pinkham's Grant | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Pittsburg | 835 | 8 | 7 | 1 | 7 | 5 | 2 | 11 | |
| Randolph | 281 | 7 | 3 | 4 | 2 | 2 | 0 | 6 | |
| Shelburne | 324 | 6 | 3 | 3 | 3 | 2 | 1 | 4 | |
| Stark | 500 | 5 | 1 | 4 | 1 | 0 | 1 | 6 | |
| Stewartstown | 978 | 14 | 8 | 6 | 21 | 12 | 9 | 6 | |
| Stratford | 995 | 16 | 9 | 7 | 11 | 6 | 5 | 5 | |
| Whitefield | 1,750 | 33 | 20 | 13 | 20 | 9 | 11 | 23 | |
| Unincorporated | --- | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| GRAFTON | 67,256 | 932 | 483 | 449 | 586 | 303 | 283 | 727 | 285 |
| Alexandria | 784 | 10 | 9 | 1 | 3 | 2 | 1 | 2 | |
| Ashland | 1,819 | 37 | 20 | 17 | 25 | 14 | 11 | 19 | |
| Bath | 739 | 11 | 5 | 6 | 8 | 6 | 2 | 2 | |
| Benton | 335 | 1 | 1 | 0 | 8 | 5 | 3 | 5 | |
| Bethlehem | 1,753 | 16 | 8 | 8 | 8 | 4 | 4 | 20 | |
| Bridgewater | 637 | 5 | 3 | 2 | 9 | 6 | 3 | 7 | |
| Bristol | 2,244 | 34 | 18 | 16 | 26 | 13 | 13 | 34 | |
| Campton | 1,805 | 26 | 15 | 11 | 13 | 8 | 5 | 21 | |
| Canaan | 2,534 | 41 | 21 | 20 | 23 | 11 | 12 | 26 | |
| Dorchester | 269 | 1 | 0 | 1 | 1 | 1 | 0 | 3 | |
| Easton | 124 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | |
| Ellsworth | 47 | 2 | 1 | 1 | 0 | 0 | 0 | 5 | |
| Enfield | 3,330 | 57 | 29 | 28 | 19 | 9 | 10 | 29 | |
| Franconia | 768 | 17 | 5 | 12 | 8 | 5 | 3 | 21 | |
| Grafton | 756 | 14 | 7 | 7 | 13 | 7 | 6 | 3 | |
| Groton | 276 | 5 | 2 | 3 | 2 | 1 | 1 | 2 | |
| Hanover | 9,346 | 46 | 21 | 25 | 53 | 29 | 24 | 102 | |
| Haverhill | 3,487 | 52 | 22 | 30 | 36 | 14 | 22 | 46 | |
| Hebron | 368 | 5 | 3 | 2 | 2 | 0 | 2 | 7 | |
| Holderness | 1,616 | 25 | 14 | 11 | 10 | 8 | 2 | 19 | |
| Landaff | 258 | 0 | 0 | 0 | 3 | 2 | 1 | 0 | |
| Lebanon | 11,296 | 209 | 111 | 98 | 116 | 60 | 56 | 113 | |
| Lincoln | 1,294 | 12 | 8 | 4 | 14 | 10 | 4 | 16 | |
| Lisbon | 1,521 | 26 | 17 | 9 | 17 | 9 | 8 | 14 | |
| Littleton | 5,668 | 101 | 48 | 53 | 56 | 26 | 30 | 48 | |
| Lyman | 292 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | |
| Lyme | 1,368 | 20 | 8 | 12 | 12 | 7 | 5 | 18 | |
| Monroe | 623 | 12 | 7 | 5 | 7 | 4 | 3 | 8 | |
| Orange | 202 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | |
| Orford | 909 | 21 | 9 | 12 | 7 | 3 | 4 | 21 | |
| Piermont | 541 | 6 | 3 | 3 | 6 | 1 | 5 | 10 | |
| Plymouth | 5,246 | 44 | 26 | 18 | 32 | 13 | 19 | 37 | |
| Rumney | 1,215 | 23 | 13 | 10 | 9 | 7 | 2 | 13 | |
| Sugar Hill | 435 | 4 | 2 | 2 | 4 | 2 | 2 | 15 | |
| Thornton | 967 | 14 | 7 | 7 | 7 | 4 | 3 | 5 | |
| Warren | 700 | 13 | 6 | 7 | 8 | 2 | 6 | 8 | |
| Waterville | 188 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | |
| Wentworth | 507 | 9 | 5 | 4 | 5 | 4 | 1 | 10 | |
| Woodstock | 989 | 9 | 6 | 3 | 13 | 5 | 8 | 11 | |
| HILLSBOROUGH | 286,067 | 4,407 | 2,289 | 2,118 | 2,186 | 1,128 | 1,058 | 3,176 | 1,603 |
| Amherst | 8,464 | 90 | 49 | 41 | 30 | 18 | 12 | 42 | |
| Antrim | 2,243 | 40 | 24 | 16 | 22 | 12 | 10 | 14 | |
| Bedford | 9,843 | 106 | 59 | 47 | 54 | 25 | 29 | 113 | |
| Bennington | 913 | 13 | 8 | 5 | 7 | 6 | 1 | 10 | |
| Brookline | 1,834 | 25 | 15 | 10 | 12 | 8 | 4 | 14 | |
| Deering | 1,058 | 11 | 8 | 3 | 1 | 1 | 0 | 13 | |
| Francestown | 872 | 7 | 4 | 3 | 3 | 1 | 2 | 16 | |
| Goffstown | 11,817 | 133 | 69 | 64 | 79 | 43 | 36 | 90 | |
| Greenfield | 1,051 | 20 | 8 | 12 | 12 | 5 | 7 | 6 | |
| Greenville | 2,159 | 44 | 22 | 22 | 14 | 9 | 5 | 22 | |
| Hancock | 1,259 | 18 | 11 | 7 | 20 | 15 | 5 | 8 | |
| Hillsboro | 3,561 | 74 | 36 | 38 | 43 | 23 | 20 | 57 | |
| Hollis | 5,006 | 60 | 39 | 21 | 27 | 15 | 12 | 45 | |
| Hudson | 14,619 | 205 | 93 | 112 | 82 | 41 | 41 | 265 | |
| Litchfield | 4,362 | 87 | 42 | 45 | 20 | 11 | 9 | 15 | |
| Lyndeborough | 1,043 | 16 | 6 | 10 | 5 | 2 | 3 | 9 | |
| Manchester | 93,133 | 1,491 | 786 | 705 | 963 | 477 | 486 | 1,063 | |
| Mason | 800 | 21 | 14 | 7 | 5 | 3 | 2 | 5 | |
| Merrimack | 16,197 | 248 | 129 | 119 | 56 | 30 | 26 | 101 | |
| Milford | 8,902 | 157 | 68 | 89 | 87 | 45 | 42 | 129 | |
| Mont Vernon | 1,540 | 22 | 11 | 11 | 7 | 0 | 7 | 6 | |
| Nashua | 70,065 | 1,112 | 594 | 518 | 475 | 256 | 219 | 811 | |
| New Boston | 2,037 | 36 | 18 | 18 | 10 | 5 | 5 | 15 | |
| New Ipswich | 2,581 | 57 | 26 | 31 | 22 | 13 | 9 | 17 | |

TABLE 7 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1982

| COUNTY & TOWN | ESTIMATED POPULATION* | RESIDENT BIRTHS | | | RESIDENT DEATHS | | | RECORDED MARRIAGES | RECORDED DIVORCES |
|---|---|---|---|---|---|---|---|---|---|
| | | TOTAL | MALE | FEMALE | TOTAL | MALE | FEMALE | | |
| Hillsboro(Contd) | | | | | | | | | |
| Pelham | 8,262 | 122 | 58 | 64 | 29 | 17 | 12 | 169 | |
| Peterborough | 5,168 | 46 | 20 | 26 | 61 | 23 | 38 | 52 | |
| Sharon | 176 | 5 | 1 | 4 | 1 | 0 | 1 | 2 | |
| Temple | 711 | 11 | 8 | 3 | 5 | 1 | 4 | 8 | |
| Weare | 3,516 | 78 | 38 | 40 | 16 | 11 | 5 | 24 | |
| Wilton | 2,797 | 50 | 25 | 25 | 18 | 12 | 6 | 34 | |
| Windsor | 78 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | |
| MERRIMACK | 101,238 | 1,389 | 718 | 671 | 871 | 466 | 405 | 948 | 479 |
| Allenstown | 4,426 | 79 | 41 | 38 | 28 | 16 | 12 | 36 | |
| Andover | 1,616 | 26 | 17 | 9 | 22 | 13 | 9 | 16 | |
| Boscawen | 3,620 | 40 | 25 | 15 | 34 | 15 | 19 | 27 | |
| Bow | 4,243 | 36 | 17 | 19 | 27 | 18 | 9 | 19 | |
| Bradford | 1,179 | 22 | 9 | 13 | 9 | 6 | 3 | 10 | |
| Canterbury | 1,509 | 20 | 11 | 9 | 9 | 4 | 5 | 18 | |
| Chichester | 1,595 | 29 | 9 | 20 | 8 | 2 | 6 | 36 | |
| Concord | 31,145 | 406 | 211 | 195 | 376 | 200 | 176 | 350 | |
| Danbury | 712 | 16 | 9 | 7 | 2 | 2 | 0 | 4 | |
| Dunbarton | 1,247 | 12 | 5 | 7 | 6 | 4 | 2 | 8 | |
| Epsom | 2,912 | 50 | 29 | 21 | 25 | 7 | 18 | 23 | |
| Franklin | 8,106 | 147 | 76 | 71 | 74 | 37 | 37 | 84 | |
| Henniker | 3,285 | 46 | 21 | 25 | 27 | 14 | 13 | 21 | |
| Hill | 780 | 12 | 6 | 6 | 1 | 1 | 0 | 2 | |
| Hooksett | 7,775 | 100 | 50 | 50 | 40 | 29 | 11 | 36 | |
| Hopkinton | 3,883 | 44 | 19 | 25 | 22 | 11 | 11 | 34 | |
| Loudon | 2,470 | 43 | 26 | 17 | 8 | 5 | 3 | 27 | |
| Newbury | 981 | 17 | 14 | 3 | 3 | 0 | 3 | 7 | |
| New London | 2,967 | 18 | 10 | 8 | 26 | 13 | 13 | 54 | |
| Northfield | 3,184 | 43 | 20 | 23 | 20 | 11 | 9 | 11 | |
| Pembroke | 4,965 | 64 | 33 | 31 | 37 | 22 | 15 | 30 | |
| Pittsfield | 2,873 | 52 | 27 | 25 | 26 | 16 | 10 | 28 | |
| Salisbury | 801 | 9 | 5 | 4 | 4 | 2 | 2 | 11 | |
| Sutton | 1,080 | 19 | 10 | 9 | 14 | 6 | 8 | 13 | |
| Warner | 1,947 | 22 | 11 | 11 | 12 | 6 | 6 | 23 | |
| Webster | 1,147 | 11 | 5 | 6 | 6 | 4 | 2 | 13 | |
| Wilmot | 790 | 6 | 2 | 4 | 5 | 2 | 3 | 7 | |
| ROCKINGHAM | 197,669 | 3,014 | 1,512 | 1,502 | 1,366 | 717 | 649 | 2,449 | 1,149 |
| Atkinson | 4,733 | 51 | 17 | 34 | 19 | 14 | 5 | 15 | |
| Auburn | 2,975 | 40 | 20 | 20 | 14 | 13 | 1 | 29 | |
| Brentwood | 2,056 | 26 | 15 | 11 | 37 | 21 | 16 | 12 | |
| Candia | 3,180 | 45 | 23 | 22 | 16 | 7 | 9 | 11 | |
| Chester | 2,129 | 25 | 16 | 9 | 13 | 7 | 6 | 10 | |
| Danville | 1,346 | 19 | 7 | 12 | 6 | 5 | 1 | 17 | |
| Deerfield | 2,065 | 37 | 18 | 19 | 8 | 4 | 4 | 16 | |
| Derry | 19,646 | 414 | 218 | 196 | 119 | 68 | 51 | 131 | |
| East Kingston | 1,169 | 10 | 3 | 7 | 6 | 2 | 4 | 7 | |
| Epping | 3,478 | 63 | 35 | 28 | 31 | 19 | 12 | 36 | |
| Exeter | 11,390 | 163 | 81 | 82 | 120 | 47 | 73 | 167 | |
| Fremont | 1,403 | 35 | 20 | 15 | 13 | 8 | 5 | 12 | |
| Greenland | 2,223 | 28 | 14 | 14 | 16 | 9 | 7 | 20 | |
| Hampstead | 3,886 | 54 | 34 | 20 | 31 | 16 | 15 | 44 | |
| Hampton | 10,982 | 132 | 60 | 72 | 96 | 48 | 48 | 150 | |
| Hampton Falls | 1,382 | 9 | 7 | 2 | 7 | 6 | 1 | 64 | |
| Kensington | 1,383 | 17 | 11 | 6 | 11 | 5 | 6 | 22 | |
| Kingston | 4,373 | 57 | 25 | 32 | 28 | 18 | 10 | 41 | |
| Londonderry | 14,243 | 230 | 104 | 126 | 50 | 34 | 16 | 104 | |
| New Castle | 1,011 | 6 | 4 | 2 | 7 | 5 | 2 | 18 | |
| Newfields | 834 | 10 | 5 | 5 | 8 | 3 | 5 | 11 | |
| Newington | 792 | 8 | 6 | 2 | 3 | 1 | 2 | 19 | |
| Newmarket | 4,588 | 71 | 36 | 35 | 36 | 20 | 16 | 41 | |
| Newton | 3,160 | 47 | 25 | 22 | 20 | 10 | 10 | 41 | |
| North Hampton | 3,540 | 50 | 21 | 29 | 17 | 12 | 5 | 45 | |
| Northwood | 2,249 | 36 | 15 | 21 | 8 | 2 | 6 | 31 | |
| Nottingham | 2,131 | 27 | 15 | 12 | 9 | 6 | 3 | 18 | |
| Plaistow | 5,755 | 65 | 39 | 26 | 39 | 21 | 18 | 66 | |
| Portsmouth | 27,115 | 494 | 266 | 228 | 227 | 96 | 131 | 465 | |
| Raymond | 5,716 | 116 | 58 | 58 | 39 | 19 | 20 | 47 | |
| Rye | 4,565 | 45 | 24 | 21 | 38 | 21 | 17 | 69 | |
| Salem | 24,567 | 312 | 145 | 167 | 169 | 84 | 85 | 420 | |
| Sandown | 2,195 | 44 | 22 | 22 | 8 | 6 | 2 | 12 | |
| Seabrook | 6,068 | 87 | 45 | 42 | 48 | 32 | 16 | 152 | |
| South Hampton | 687 | 12 | 7 | 5 | 1 | 1 | 0 | 3 | |
| Stratham | 2,694 | 35 | 16 | 19 | 14 | 6 | 8 | 28 | |
| Windham | 5,960 | 94 | 35 | 59 | 34 | 21 | 13 | 55 | |

TABLE 7 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1982

| COUNTY & TOWN | ESTIMATED POPULATION * | RESIDENT BIRTHS TOTAL | MALE | FEMALE | RESIDENT DEATHS TOTAL | MALE | FEMALE | RECORDED MARRIAGES | RECORDED DIVORCES |
|---|---|---|---|---|---|---|---|---|---|
| STRAFFORD | 88,092 | 1,362 | 666 | 696 | 670 | 348 | 322 | 864 | 490 |
| Barrington | 4,751 | 76 | 42 | 34 | 27 | 14 | 13 | 39 | |
| Dover | 22,960 | 408 | 194 | 214 | 217 | 111 | 106 | 242 | |
| Durham | 10,940 | 42 | 20 | 22 | 23 | 10 | 13 | 77 | |
| Farmington | 5,052 | 103 | 49 | 54 | 53 | 33 | 20 | 44 | |
| Lee | 2,183 | 31 | 18 | 13 | 16 | 9 | 7 | 6 | |
| Madbury | 1,002 | 15 | 7 | 8 | 1 | 1 | 0 | 4 | |
| Middleton | 811 | 8 | 4 | 4 | 5 | 4 | 1 | 1 | |
| Milton | 2,497 | 44 | 27 | 17 | 19 | 10 | 9 | 23 | |
| New Durham | 1,252 | 21 | 9 | 12 | 9 | 5 | 4 | 12 | |
| Rochester | 22,004 | 384 | 182 | 202 | 195 | 107 | 88 | 262 | |
| Rollinsford | 2,367 | 28 | 16 | 12 | 16 | 6 | 10 | 14 | |
| Somersworth | 10,437 | 164 | 79 | 85 | 79 | 33 | 46 | 119 | |
| Strafford | 1,836 | 38 | 19 | 19 | 10 | 5 | 5 | 21 | |
| SULLIVAN | 37,233 | 545 | 265 | 280 | 307 | 170 | 137 | 389 | 200 |
| Acworth | 632 | 12 | 5 | 7 | 5 | 2 | 3 | 7 | |
| Charlestown | 4,560 | 64 | 30 | 34 | 25 | 17 | 8 | 37 | |
| Claremont | 14,791 | 247 | 126 | 121 | 142 | 79 | 63 | 185 | |
| Cornish | 1,462 | 21 | 10 | 11 | 8 | 3 | 5 | 15 | |
| Croydon | 484 | 6 | 3 | 3 | 4 | 4 | 0 | 9 | |
| Goshen | 581 | 14 | 7 | 7 | 5 | 1 | 4 | 5 | |
| Grantham | 729 | 10 | 3 | 7 | 5 | 1 | 4 | 7 | |
| Langdon | 439 | 3 | 3 | 0 | 7 | 5 | 2 | 3 | |
| Lempster | 686 | 6 | 1 | 5 | 3 | 3 | 0 | 4 | |
| Newport | 6,463 | 79 | 44 | 35 | 61 | 31 | 30 | 67 | |
| Plainfield | 1,813 | 28 | 9 | 19 | 8 | 4 | 4 | 17 | |
| Springfield | 587 | 9 | 4 | 5 | 6 | 4 | 2 | 2 | |
| Sunapee | 2,432 | 31 | 14 | 17 | 12 | 7 | 5 | 16 | |
| Unity | 1,172 | 12 | 4 | 8 | 14 | 8 | 6 | 11 | |
| Washington | 402 | 3 | 2 | 1 | 2 | 1 | 1 | 4 | |

* The 1982 state level population number is a federal-state cooperative estimate prepared by the N.H.Office of State Planning and the U.S.Bureau of the Census.

## - NATALITY -

Resident live births totaled to 14,059 in 1982 and the state birth rate was 14.8 per 1,000 persons, reflecting a small increase from 1981's rate of 14.4. The New Hampshire birth rate however, was lower than the 1982 national rate of 16.0 per 1,000 population.

Resident births which took place out-of-state accounted for 10.4 percent (1,469) of total resident births. The majority of these out-of-state births, 82.3 percent (1,209), occurred in the state of Massachusetts while 13.5 percent (198) took place in Vermont and 2.7 (40), in Maine.

The number of births to mothers 19 years of age and younger for every 1,000 births, decreased again, from 103.7 in 1981 to 102.1 in 1982. Comparable birth numbers for the 20-24 and 25-29 mother age groups also declined. For older age groups of mothers, 30-34 and 35 and above births per 1,000 births increased. For instance, at the 35 and above age level there were 53.9 births for every 1,000 live births in 1982 compared to 42.1 in 1981. See Table 8 below.

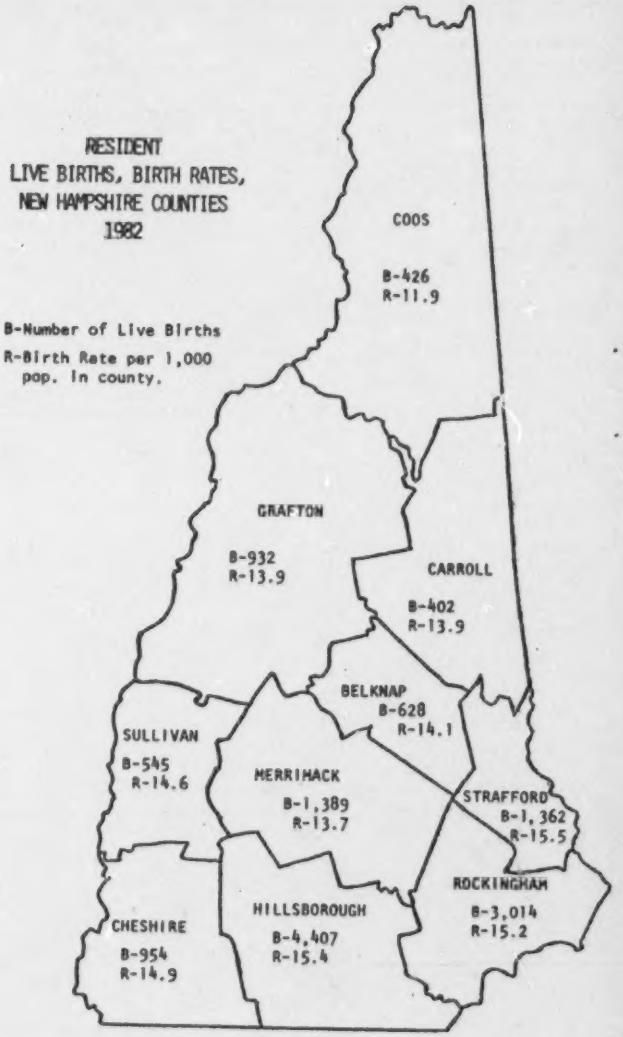



TABLE 8 NUMBER OF RESIDENT AND NUMBER PER 1,000 BIRTHS ACCORDING TO AGE OF MOTHER, NEW HAMPSHIRE, 1978-1982

| YEAR | TOTAL LIVE BIRTHS | AGE OF MOTHER | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 19 & Under (Teenage) | | 20-24 | | 25-29 | | 30-34 | | 35 & Over | |
| | | No. | Per 1000 | No. | Per 1000 | No. | Per 1000 | No. | Per 1000 | No. | Per 1000 |
| 1978 | 12,386 | 1504 | 121.4 | 4162 | 336.0 | 4268 | 344.6 | 1968 | 158.9 | 484 | 39.1 |
| 1979 | 12,829 | 1521 | 118.6 | 4219 | 328.9 | 4394 | 342.5 | 2144 | 167.1 | 551 | 42.9 |
| 1980 | 13,715 | 1467 | 107.0 | 4650 | 339.0 | 4756 | 346.8 | 2310 | 168.4 | 532 | 38.8 |
| 1981 | 13,487 | 1399 | 103.7 | 4322 | 320.4 | 4724 | 350.2 | 2473 | 183.3 | 569 | 42.1 |
| 1982 | 14,059 | 1436 | 102.1 | 4475 | 318.3 | 4790 | 340.7 | 2600 | 184.9 | 758 | 53.9 |

The percentage of resident live births reflecting either no prenatal care or prenatal care which commenced in the third trimester, was 2.6 percent in 1982, compared to 2.1 percent in 1981. On the average, there have been 311 births annually with either no or third trimester prenatal care, for the five year period of 1978 to 1982. See Table 9 below.

TABLE 9 NUMBER AND PERCENT, RESIDENT LIVE BIRTHS WITH NO OR LATE PRENATAL CARE, BY COUNTY, NEW HAMPSHIRE, 1978-1982[1].

| COUNTY | No. & % No/Late Prenatal Care Births[2]. | | | | | | | | | | 1978-1982 5-Year Average | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Belknap | 24 | 4.2 | 23 | 3.5 | 19 | 2.7 | 17 | 2.8 | 23 | 3.7 | 21.2 | 3.4 |
| Carroll | 10 | 3.0 | 8 | 2.4 | 10 | 2.7 | 11 | 2.9 | 16 | 4.1 | 11.0 | 3.0 |
| Cheshire | 42 | 4.9 | 33 | 4.0 | 30 | 3.4 | 27 | 3.1 | 34 | 3.6 | 33.2 | 3.8 |
| Coos | 16 | 3.2 | 14 | 3.1 | 11 | 2.3 | 9 | 0.9 | 7 | 1.6 | 11.4 | 2.2 |
| Grafton | 17 | 2.1 | 14 | 1.8 | 18 | 2.0 | 23 | 2.6 | 22 | 2.4 | 18.8 | 2.2 |
| Hillsborough | 75 | 2.0 | 76 | 2.0 | 83 | 2.0 | 80 | 1.9 | 95 | 2.2 | 81.8 | 2.0 |
| Merrimack | 30 | 2.3 | 28 | 2.1 | 34 | 2.4 | 24 | 1.7 | 41 | 3.0 | 31.4 | 2.3 |
| Rockingham | 62 | 2.4 | 49 | 1.8 | 53 | 1.8 | 44 | 1.5 | 58 | 1.9 | 53.2 | 1.9 |
| Strafford | 30 | 2.6 | 27 | 2.2 | 40 | 3.0 | 30 | 2.4 | 48 | 3.5 | 35.0 | 2.7 |
| Sullivan | 18 | 4.2 | 15 | 3.1 | 14 | 2.7 | 12 | 2.1 | 12 | 2.2 | 14.2 | 2.9 |
| STATE | 324 | 2.6 | 287 | 2.3 | 312 | 2.3 | 277 | 2.1 | 356 | 2.6 | 311.2 | 2.4 |

1. Late prenatal care: care commenced in third trimester.
2. Percent in specified county. (Excludes unknowns).

The number of births that were low birth-weight (which placed the infant at relatively high risk for physical disorders and for mortality) increased from 673 in 1981 to 731 in 1982, while the corresponding percentage rose very slightly from 5.0 to 5.2 percent. See Table 10.

TABLE 10 NUMBER AND PERCENT, RESIDENT LOW BIRTH-WEIGHT[1] BIRTHS BY COUNTY, NEW HAMPSHIRE, 1978-1982

| COUNTY | No. & %, Low Birth-Weight[2]. | | | | | | | | | | 1978-1982 5 Year Average | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Belknap | 33 | 5.7 | 36 | 5.5 | 44 | 6.3 | 24 | 3.9 | 30 | 4.8 | 33.4 | 5.2 |
| Carroll | 19 | 5.7 | 16 | 4.7 | 17 | 4.6 | 16 | 4.2 | 25 | 6.2 | 18.6 | 5.1 |
| Cheshire | 41 | 4.7 | 49 | 5.8 | 39 | 4.3 | 56 | 6.4 | 60 | 6.3 | 49.0 | 5.5 |
| Coos | 23 | 4.5 | 31 | 6.8 | 22 | 4.5 | 21 | 4.7 | 23 | 5.4 | 24.0 | 5.2 |
| Grafton | 44 | 5.5 | 38 | 4.9 | 41 | 4.6 | 41 | 4.6 | 31 | 3.3 | 39.0 | 4.6 |
| Hillsborough | 217 | 5.8 | 235 | 6.0 | 241 | 5.8 | 232 | 5.5 | 240 | 5.4 | 233.0 | 5.7 |
| Merrimack | 72 | 5.5 | 66 | 4.9 | 62 | 4.4 | 89 | 6.4 | 72 | 5.2 | 72.2 | 5.3 |
| Rockingham | 137 | 5.2 | 170 | 6.1 | 149 | 5.0 | 116 | 4.0 | 137 | 4.5 | 141.8 | 5.0 |
| Strafford | 66 | 5.6 | 80 | 6.5 | 80 | 6.0 | 46 | 3.7 | 74 | 5.4 | 69.2 | 5.4 |
| Sullivan | 39 | 8.6 | 40 | 8.1 | 38 | 7.4 | 32 | 6.4 | 39 | 7.2 | 37.6 | 7.5 |
| STATE | 691 | 5.6 | 761 | 5.9 | 733 | 5.3 | 673 | 5.0 | 731 | 5.2 | 717.8 | 5.4 |

1. Low birth-weight: Less than 2500 grams.
2. Percent in the specified county.

Out-of-wedlock births (at higher than average risk of low-birth-weight newborns) have been increasing since 1960 in both absolute numbers and in the percentages of total births and rose again in 1982 to 1,730 in number and to 12.3 percent of all births, as shown in Table 11.

TABLE 11 NUMBER AND PERCENT OF RESIDENT OUT-OF-WEDLOCK BIRTHS BY COUNTY, NEW HAMPSHIRE, 1978-1982

| COUNTY | No. & %, Out-of-Wedlock Births* | | | | | | | | | | 1978-1982 5 Year Average | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | | |
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Belknap | 78 | 13.4 | 100 | 15.2 | 108 | 15.6 | 86 | 14.0 | 104 | 16.6 | 95.2 | 15.0 |
| Carroll | 30 | 9.0 | 32 | 9.4 | 37 | 10.0 | 42 | 11.1 | 54 | 13.4 | 39.0 | 10.6 |
| Cheshire | 91 | 10.4 | 92 | 10.9 | 104 | 11.5 | 117 | 13.4 | 138 | 14.5 | 108.4 | 12.1 |
| Coos | 49 | 9.7 | 53 | 11.5 | 60 | 12.4 | 58 | 13.1 | 63 | 14.8 | 56.6 | 12.3 |
| Grafton | 79 | 9.8 | 71 | 9.1 | 120 | 13.5 | 97 | 10.8 | 108 | 11.6 | 95.0 | 11.0 |
| Hillsborough | 337 | 9.1 | 393 | 10.1 | 449 | 10.8 | 475 | 11.2 | 550 | 12.5 | 440.8 | 10.7 |
| Merrimack | 138 | 10.5 | 141 | 10.5 | 149 | 10.6 | 165 | 11.8 | 176 | 12.7 | 153.8 | 11.2 |
| Rockingham | 184 | 7.0 | 194 | 7.0 | 236 | 7.9 | 268 | 9.2 | 265 | 8.8 | 229.4 | 8.0 |
| Strafford | 142 | 12.1 | 155 | 12.6 | 167 | 12.6 | 164 | 13.3 | 181 | 13.3 | 161.8 | 12.8 |
| Sullivan | 64 | 14.1 | 66 | 13.3 | 68 | 13.2 | 69 | 13.8 | 91 | 16.7 | 71.6 | 14.2 |
| STATE | 1192 | 9.6 | 1297 | 10.1 | 1498 | 10.9 | 1541 | 11.4 | 1730 | 12.3 | 1451.6 | 10.9 |

* Percent in specified county.

Among 1982 out-of-wedlock births, the age of the mother was 19 years or less in 39.0 percent of the births while the proportion of births with mothers at 20 to 24 years was 38.3 percent. In the remainder of births, 22.7 percent, the mother's age was 25 or more years.

Among teen-mother (19 years of age and under) births only, 46.9 percent (674) were out-of-wedlock, representing virtually no change from 1981's percentage of 46.7. See Table 12.

TABLE 12 NUMBER AND PERCENT, RESIDENT TEEN-MOTHER BIRTHS ACCORDING TO MARITAL STATUS BY COUNTY, NEW HAMPSHIRE, 1982

| Marrital Status | Statewide Teen-Mothers | | - COUNTY - | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. Births | % | Belknap | | Carroll | | Cheshire | | Coos | | Grafton | | Hillsboro | | Merrimack | | Rockingham | | Strafford | | Sullivan | |
| | | | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Married | 762 | 53.1 | 45 | - | 28 | - | 57 | 50.0 | 33 | - | 58 | - | 225 | 49.8 | 71 | 52.2 | 119 | 56.4 | 86 | 55.1 | 40 | - |
| Not Married | 674 | 46.9 | 43 | - | 22 | - | 57 | 50.0 | 29 | - | 36 | - | 227 | 50.2 | 65 | 47.8 | 92 | 43.6 | 70 | 44.9 | 33 | - |
| TOTAL | 1436 | 100.0 | 88 | - | 50 | - | 114 | 100.0 | 62 | - | 94 | - | 452 | 100.0 | 136 | 100.0 | 211 | 100.0 | 156 | 100.0 | 73 | - |

* Percent not calculated for less than 100 total cases in county.

Most (13,748) resident births in 1982 took place in hospitals located in the state or in other states while 211 births were recorded as at home within the state and 85 took place in a New Hampshire-located birthing center, as Table 13 shows.

TABLE 13 NUMBER AND PERCENT, RESIDENT HOME BIRTHS AND HOSPITAL BIRTHS, NEW HAMPSHIRE, 1978-1982

| Location of Birth 1. | No. & %, Live Births | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | |
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| At Home | 122 | 1.0 | 157 | 1.2 | 151 | 1.1 | 189 | 1.4 | 211 | 1.5 |
| Birthing Center 2. | - | - | - | - | 42 | 0.3 | 81 | 0.6 | 85 | 0.6 |
| In Hosp. | 12260 | 99.0 | 12663 | 98.8 | 13508 | 98.6 | 13203 | 98.0 | 13748 | 97.9 |
| TOTAL | 12382 | 100.0 | 12820 | 100.0 | 13701 | 100.0 | 13473 | 100.0 | 14044 | 100.0 |

1. All locations other than at home, in hospital and birthing center have been excluded.
2. Reports of resident births occurring in birthing center commenced in 1980.

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1982

| | TOTAL | SEX MALE | SEX FEMALE | FIRST BORN | UNDER 2500 GRAMS | PLURAL BIRTH | COMP OF[1] PREG-LBR-BTH | MOTHER UNDER AGE 20 | NO PRE NATAL CARE | BORN[2] IN HOSP |
|---|---|---|---|---|---|---|---|---|---|---|
| BELKNAP | | | | | | | | | | |
| ALTON | 36 | 20 | 16 | 18 | 1 | | 17 | 6 | | 34 |
| BARNSTEAD | 34 | 17 | 17 | 12 | 1 | | 6 | 2 | | 30 |
| BELMONT | 55 | 28 | 27 | 20 | 5 | 2 | 10 | 7 | | 54 |
| CENTER HARBOR | 9 | 3 | 6 | 2 | | | 3 | | | 8 |
| GILFORD | 56 | 24 | 32 | 32 | | | 13 | 3 | | 54 |
| GILMANTON | 31 | 18 | 13 | 11 | 2 | 2 | 9 | 3 | | 31 |
| LACONIA | 227 | 99 | 128 | 98 | 13 | 4 | 54 | 39 | 3 | 222 |
| MEREDITH | 59 | 31 | 28 | 29 | | | 11 | 11 | 1 | 57 |
| NEW HAMPTON | 23 | 16 | 7 | 6 | | | 5 | 3 | 1 | 21 |
| SANBORNTON | 23 | 13 | 10 | 7 | 1 | | 3 | 2 | | 22 |
| TILTON | 75 | 35 | 40 | 39 | 7 | 2 | 21 | 12 | 1 | 75 |
| BELKNAP | 628 | 304 | 324 | 274 | 30 | 10 | 152 | 88 | 6 | 608 |
| CARROLL | | | | | | | | | | |
| ALBANY | 8 | 6 | 2 | 3 | 1 | | 4 | 1 | | 7 |
| BARTLETT | 12 | 9 | 3 | 7 | | 2 | 7 | 1 | | 12 |
| BROOKFIELD | 5 | 2 | 3 | 2 | | | 3 | | | 5 |
| CHATHAM | 2 | | 2 | 1 | 1 | | | 1 | | 2 |
| CONWAY | 122 | 69 | 53 | 65 | 7 | | 57 | 17 | | 120 |
| EATON | 4 | 1 | 3 | 2 | | | | | | 2 |
| EFF INGHAM | 7 | 4 | 3 | 4 | 1 | | 4 | 1 | | 7 |
| FREEDOM | 6 | 3 | 3 | 3 | | | 3 | | | 6 |
| JACKSON | 8 | 3 | 5 | 5 | | | 3 | | | 8 |
| MADISON | 22 | 12 | 10 | 6 | | | 10 | 2 | | 21 |
| MOULTONBORO | 41 | 22 | 19 | 20 | | | 6 | 4 | | 34 |
| OSSIPEE | 43 | 22 | 21 | 17 | 7 | | 21 | 11 | | 42 |
| SANDWICH | 12 | 6 | 6 | 5 | | 2 | 3 | | | 9 |
| TAM WORTH | 26 | 14 | 12 | 12 | 2 | | 10 | 1 | | 23 |
| TUFTONBORO | 12 | 1 | 11 | 4 | | | 3 | 1 | | 11 |
| WAKEFIELD | 40 | 22 | 18 | 15 | 6 | 4 | 16 | 7 | 1 | 37 |
| WOLFEBORO | 32 | 17 | 15 | 13 | | | 7 | 3 | | 27 |
| CARROLL | 402 | 213 | 189 | 184 | 25 | 8 | 157 | 50 | 1 | 373 |
| CHESHIRE | | | | | | | | | | |
| ALSTEAD | 32 | 24 | 8 | 12 | 1 | | 10 | | | 31 |
| CHESTERFIELD | 51 | 29 | 22 | 29 | 4 | | 15 | 4 | | 51 |
| DUBLIN | 17 | 11 | 6 | 3 | | | 8 | | | 15 |
| FITZWILLIAM | 33 | 15 | 18 | 14 | 2 | | 18 | 5 | | 32 |
| GILSUM | 7 | 3 | 4 | 2 | 2 | | 4 | | | 6 |
| HARRISVILLE | 17 | 8 | 9 | 5 | 3 | 4 | 14 | 2 | | 16 |
| HINSDALE | 52 | 30 | 22 | 26 | 2 | | 18 | 7 | | 52 |
| JAFFREY | 69 | 30 | 39 | 33 | 7 | | 44 | 7 | | 67 |
| KEENE | 282 | 153 | 129 | 134 | 15 | 10 | 113 | 34 | 4 | 277 |
| MARLBOROUGH | 31 | 20 | 11 | 9 | 3 | 4 | 18 | 5 | 1 | 31 |
| MARLOW | 7 | 1 | 6 | 2 | | | 1 | 2 | | 7 |
| NELSON | 7 | 2 | 5 | 2 | | | 3 | | | 6 |
| RICHMOND | 7 | 5 | 2 | 1 | | | 1 | | | 7 |
| RINDGE | 67 | 34 | 33 | 28 | 3 | 2 | 35 | 11 | | 67 |
| ROXBURY | 2 | 1 | 1 | 2 | | | 1 | | | 2 |
| STODDARD | 4 | 3 | 1 | 2 | | | 3 | | | 4 |
| SULLIVAN | 11 | 8 | 3 | 5 | | | 1 | 1 | | 10 |
| SURRY | 6 | 3 | 3 | 2 | | | 1 | 2 | | 5 |
| SWANZEY | 80 | 40 | 40 | 37 | 7 | 4 | 36 | 12 | | 80 |
| TROY | 35 | 20 | 15 | 15 | 2 | 2 | 9 | 4 | | 34 |
| WALPOLE | 51 | 25 | 26 | 19 | 4 | 4 | 18 | 2 | | 48 |
| WESTMORELAND | 16 | 9 | 7 | 7 | | | 5 | | | 15 |
| WINCHESTER | 70 | 39 | 31 | 31 | 5 | 2 | 24 | 16 | | 70 |
| CHESHIRE | 954 | 513 | 441 | 420 | 60 | 32 | 400 | 114 | 5 | 933 |
| COOS | | | | | | | | | | |
| BERLIN | 133 | 68 | 65 | 64 | 9 | 2 | 46 | 21 | | 133 |
| CARROLL | 8 | 6 | 2 | 7 | | | 1 | 3 | | 8 |
| CLARKSVILLE | 3 | 1 | 2 | | | | 1 | | | 2 |
| COLE BROOK | 42 | 23 | 19 | 22 | 1 | | 15 | 5 | | 42 |
| COLUMBIA | 4 | 2 | 2 | 3 | | | 1 | | | 4 |
| DALTON | 8 | 4 | 4 | 3 | | | 2 | 2 | | 8 |
| DUMMER | 2 | 1 | 1 | 2 | | | 1 | | | 2 |
| ERROL | 5 | 2 | 3 | 4 | 1 | | 2 | 2 | 1 | 5 |
| GORHAM | 28 | 15 | 13 | 12 | 3 | 2 | 7 | | | 28 |
| JEFFERSON | 16 | 9 | 7 | 7 | 1 | | 4 | | | 16 |
| LANCASTER | 60 | 28 | 32 | 25 | 3 | 2 | 26 | 16 | | 58 |

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1982

| | TOTAL | SEX MALE | SEX FEMALE | FIRST BORN | UNDER 2500 GRAMS | PLURAL BIRTH | COMP OF PREG-LBR-BTH | MOTHER UNDER AGE 20 | NO PRE NATAL CARE | BORN IN HOSP |
|---|---|---|---|---|---|---|---|---|---|---|
| MILAN | 3 | 2 | 1 | 2 | | | 1 | | | 3 |
| NORTHUMBERLAND | 25 | 9 | 16 | 6 | 3 | | 9 | 2 | | 25 |
| PITTSBURG | 8 | 7 | 1 | 2 | | | 6 | | | 8 |
| RANDOLPH | 7 | 3 | 4 | 7 | | | 1 | | | 7 |
| SHELBURNE | 6 | 3 | 3 | 3 | | | 1 | | | 6 |
| STARK | 5 | 1 | 4 | 1 | | | 2 | | | 5 |
| STEWARTSTOWN | 14 | 8 | 6 | 5 | | | 7 | 2 | | 14 |
| STRATFORD | 16 | 9 | 7 | 5 | 1 | | 7 | 2 | 1 | 16 |
| WHITEFIELD | 33 | 20 | 13 | 19 | 1 | 2 | 13 | 7 | 1 | 33 |
| COOS | 426 | 221 | 205 | 199 | 23 | 8 | 153 | 62 | 3 | 423 |
| GRAFTON | | | | | | | | | | |
| ALEXANDRIA | 10 | 9 | 1 | 5 | | | 1 | | | 9 |
| ASHLAND | 37 | 20 | 17 | 16 | 2 | 2 | 14 | 7 | | 36 |
| BATH | 11 | 5 | 6 | 7 | 1 | | 5 | | | 11 |
| BENTON | 1 | 1 | | | | | 1 | | | 1 |
| BETHLEHEM | 16 | 8 | 8 | 6 | | | 3 | 1 | | 16 |
| BRIDGEWATER | 5 | 3 | 2 | 1 | | | 1 | | | 5 |
| BRISTOL | 34 | 18 | 16 | 15 | 1 | | 11 | 4 | 1 | 33 |
| BEEBE RIVER CAM | 26 | 15 | 11 | 8 | | 2 | 9 | 2 | | 25 |
| CANAAN | 41 | 21 | 20 | 22 | 1 | | 23 | 6 | 1 | 40 |
| DORCHESTER | 1 | | 1 | | | | | | | 1 |
| EASTON | 1 | 1 | | | 1 | | | | | 1 |
| ELLSWORTH | 2 | 1 | 1 | 1 | | | 2 | | | 2 |
| ENFIELD | 57 | 29 | 28 | 26 | 1 | | 29 | 5 | | 57 |
| FRANCONIA | 17 | 5 | 12 | 7 | 1 | 2 | 7 | | | 15 |
| GRAFTON | 14 | 7 | 7 | 2 | | | 7 | | | 14 |
| GROTON | 5 | 2 | 3 | 3 | | | 2 | | | 4 |
| HANOVER | 46 | 21 | 25 | 22 | 2 | | 14 | 1 | | 45 |
| HAVERHILL | 52 | 22 | 30 | 21 | 1 | | 22 | 8 | | 51 |
| HEBRON | 5 | 3 | 2 | 1 | | | 1 | | | 5 |
| HOLDERNESS | 25 | 14 | 11 | 7 | 2 | | 10 | 1 | | 24 |
| LEBANON | 209 | 111 | 98 | 103 | 4 | 6 | 97 | 21 | 2 | 207 |
| LINCOLN | 12 | 8 | 4 | 5 | 1 | | 5 | 2 | | 12 |
| LISBON | 26 | 17 | 9 | 11 | | | 8 | 5 | | 26 |
| LITTLETON | 101 | 48 | 53 | 54 | 6 | 2 | 33 | 17 | 1 | 99 |
| LYMAN | 2 | 1 | 1 | 1 | | | | | | 2 |
| LYME | 20 | 8 | 12 | 7 | 1 | | 7 | 1 | | 19 |
| MONROE | 12 | 7 | 5 | 5 | | 2 | 8 | 1 | | 11 |
| ORFORD | 21 | 9 | 12 | 9 | | | 11 | | | 20 |
| PIERMONT | 6 | 3 | 3 | 5 | | | 2 | 1 | | 6 |
| PLYMOUTH | 44 | 26 | 18 | 20 | 2 | 2 | 14 | 3 | | 44 |
| RUMNEY | 23 | 13 | 10 | 10 | | | 7 | 1 | | 18 |
| THORNTON | 14 | 7 | 7 | 5 | | | 3 | 1 | 1 | 14 |
| WARREN | 13 | 6 | 7 | 5 | | | 8 | 2 | | 12 |
| WATERVILLE VALL | 1 | 1 | | 1 | | | 1 | | | 1 |
| WENTWORTH | 9 | 5 | 4 | 4 | 2 | 4 | 6 | 2 | | 9 |
| WOODSTOCK | 9 | 6 | 3 | 4 | 2 | | 3 | 1 | | 9 |
| SUGAR HILL | 4 | 2 | 2 | 2 | | | 3 | 1 | | 4 |
| GRAFTON | 932 | 483 | 449 | 421 | 31 | 22 | 378 | 94 | 6 | 908 |
| HILLSBOROUGH | | | | | | | | | | |
| AMHERST | 90 | 49 | 41 | 25 | 2 | 12 | 45 | 2 | | 90 |
| ANTRIM | 40 | 24 | 16 | 16 | 1 | | 30 | 5 | | 36 |
| BEDFORD | 106 | 59 | 47 | 34 | 6 | 6 | 34 | 3 | | 105 |
| BENNINGTON | 13 | 8 | 5 | 3 | 3 | 2 | 7 | | | 13 |
| BROOKLINE | 25 | 15 | 10 | 15 | 1 | | 8 | | | 25 |
| DEERING | 11 | 8 | 3 | 5 | | | 6 | 1 | | 11 |
| FRANCESTOWN | 7 | 4 | 3 | 1 | | | 4 | | | 6 |
| GOFFSTOWN | 133 | 69 | 64 | 64 | 10 | | 33 | 7 | | 130 |
| GREENFIELD | 20 | 8 | 12 | 10 | 2 | | 14 | 3 | | 20 |
| GREENVILLE | 44 | 22 | 22 | 19 | 1 | | 22 | 4 | 1 | 39 |
| HANCOCK | 18 | 11 | 7 | 7 | 1 | | 12 | 1 | | 17 |
| HILLSBORO | 74 | 36 | 38 | 35 | 4 | 2 | 29 | 15 | 1 | 67 |
| HOLLIS | 60 | 39 | 21 | 27 | 2 | 1 | 19 | 3 | 1 | 60 |
| HUDSON | 205 | 93 | 112 | 93 | 15 | 4 | 70 | 16 | 1 | 203 |
| LITCHFIELD | 87 | 42 | 45 | 33 | 5 | 4 | 28 | 4 | | 86 |
| LYNDEBOROUGH | 16 | 6 | 10 | 9 | 2 | | 7 | 2 | | 16 |
| MANCHESTER | 1491 | 786 | 705 | 698 | 79 | 30 | 444 | 200 | 9 | 1479 |
| MASON | 21 | 14 | 7 | 6 | 2 | 2 | 11 | 1 | | 20 |
| MERRIMACK | 248 | 129 | 119 | 96 | 18 | 5 | 112 | 15 | | 247 |
| MILFORD | 157 | 68 | 89 | 72 | 4 | | 53 | 16 | 1 | 152 |

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1982

| | TOTAL | SEX MALE | SEX FEMALE | FIRST BORN | UNDER 2500 GRAMS | PLURAL BIRTH | COMP OF PREG-LBR-BTH | MOTHER UNDER AGE 20 | NO PRE NATAL CARE | BORN IN HOSP |
|---|---|---|---|---|---|---|---|---|---|---|
| MONT VERNON | 22 | 11 | 11 | 11 | 1 | | 10 | | | 22 |
| NASHUA | 1112 | 594 | 518 | 536 | 65 | 29 | 414 | 123 | 5 | 1106 |
| NEW BOSTON | 36 | 18 | 18 | 17 | 1 | 2 | 15 | 1 | | 35 |
| NEW IPSWICH | 57 | 26 | 31 | 17 | 3 | | 29 | 3 | | 55 |
| PELHAM | 122 | 58 | 64 | 59 | 6 | | 28 | 8 | | 121 |
| PETERBOROUGH | 46 | 20 | 26 | 21 | 1 | | 34 | 7 | | 45 |
| SHARON | 5 | 1 | 4 | 1 | | | 5 | | | 4 |
| TEMPLE | 11 | 8 | 3 | 5 | | | 6 | | | 10 |
| WEARE | 78 | 38 | 40 | 32 | 2 | | 22 | 6 | 1 | 74 |
| WILTON | 50 | 25 | 25 | 25 | 3 | 4 | 25 | 6 | | 46 |
| WINDSOR | 2 | | 2 | 1 | | | 2 | | | 2 |
| HILLSBOROUGH | 4407 | 2289 | 2118 | 1993 | 240 | 103 | 1578 | 452 | 20 | 4342 |
| MERRIMACK | | | | | | | | | | |
| ALLENSTOWN | 79 | 41 | 38 | 34 | 2 | | 24 | 10 | | 75 |
| ANDOVER | 26 | 17 | 9 | 11 | 4 | 4 | 12 | 2 | | 24 |
| BOSCAWEN | 40 | 25 | 15 | 17 | 1 | | 12 | 9 | | 39 |
| BOW | 36 | 17 | 19 | 12 | | | 8 | | | 34 |
| BRADFORD | 22 | 9 | 13 | 4 | | | 2 | 1 | | 17 |
| CANTERBURY | 20 | 11 | 9 | 10 | 2 | | 3 | 2 | 1 | 16 |
| CHICHESTER | 29 | 9 | 20 | 10 | 2 | | 4 | 1 | | 26 |
| CONCORD | 406 | 211 | 195 | 195 | 23 | 12 | 94 | 37 | 8 | 377 |
| DANBURY | 16 | 9 | 7 | 3 | | | 4 | 1 | | 14 |
| DUNBARTON | 12 | 5 | 7 | 7 | | | 3 | | | 11 |
| EPSOM | 50 | 29 | 21 | 22 | 2 | | 8 | 5 | 1 | 49 |
| FRANKLIN | 147 | 76 | 71 | 56 | 12 | 2 | 58 | 28 | 1 | 142 |
| HENN. KER | 46 | 21 | 25 | 16 | 3 | 6 | 17 | 2 | 1 | 44 |
| H LI. | 12 | 6 | 6 | 8 | | | 6 | 2 | | 12 |
| HOOKSETT | 100 | 50 | 50 | 41 | 4 | 4 | 27 | 5 | | 98 |
| HOPKINTON | 44 | 19 | 25 | 24 | 1 | | 7 | 3 | | 43 |
| LOUDON | 43 | 26 | 17 | 17 | 2 | | 10 | 2 | | 41 |
| NEWBURY | 17 | 14 | 3 | 8 | 1 | 2 | 5 | | | 16 |
| NEW LONDON | 18 | 10 | 8 | 9 | | | 6 | 1 | | 18 |
| NORTHFIELD | 43 | 20 | 23 | 15 | 3 | | 12 | 5 | 1 | 41 |
| PEMBROKE | 64 | 33 | 31 | 27 | 2 | | 14 | 4 | | 64 |
| PITTSFIELD | 52 | 27 | 25 | 21 | 4 | | 8 | 11 | 1 | 51 |
| SALISBURY | 9 | 5 | 4 | 3 | 2 | | 3 | | 1 | 8 |
| SUTTON | 19 | 10 | 9 | 8 | 1 | | 3 | 1 | | 16 |
| WARNER | 22 | 11 | 11 | 9 | | | 5 | 2 | | 21 |
| WEBSTER | 11 | 5 | 6 | 7 | 1 | | 1 | 1 | | 9 |
| WILMOT | 6 | 2 | 4 | 1 | | | | 1 | | 5 |
| MERRIMACK | 1389 | 718 | 671 | 595 | 72 | 30 | 356 | 136 | 15 | 1311 |
| ROCKINGHAM | | | | | | | | | | |
| ATKINSON | 51 | 17 | 34 | 20 | 1 | | 17 | 3 | | 51 |
| AUBURN | 40 | 20 | 20 | 16 | 1 | 2 | 14 | 3 | | 40 |
| BRENTWOOD | 26 | 15 | 11 | 10 | 1 | | 11 | 4 | | 26 |
| CANDIA | 45 | 23 | 22 | 16 | 1 | 4 | 12 | | | 45 |
| CHESTER | 25 | 16 | 9 | 9 | 3 | 2 | 9 | 1 | | 25 |
| DANVILLE | 19 | 7 | 12 | 14 | | | 3 | 3 | | 18 |
| DEERFIELD | 37 | 18 | 19 | 14 | 3 | | 10 | | | 36 |
| DERRY | 414 | 218 | 196 | 191 | 14 | 10 | 120 | 27 | 1 | 407 |
| EAST KINGSTON | 10 | 3 | 7 | 4 | | | 1 | 1 | | 9 |
| EPPING | 63 | 35 | 28 | 25 | 2 | 2 | 16 | 8 | | 61 |
| EXETER | 163 | 81 | 82 | 91 | 9 | | 65 | 12 | 2 | 161 |
| FREMONT | 35 | 20 | 15 | 19 | 4 | 2 | 14 | 5 | 1 | 35 |
| GREENLAND | 28 | 14 | 14 | 17 | | | 7 | 2 | | 28 |
| HAMPSTEAD | 54 | 34 | 20 | 25 | 1 | | 18 | 3 | | 54 |
| HAMPTON | 132 | 60 | 72 | 68 | 8 | | 47 | 8 | 1 | 131 |
| HAMPTON FALLS | 9 | 7 | 2 | 4 | 1 | | 4 | | | 9 |
| KENSINGTON | 17 | 11 | 6 | 8 | | | 5 | 3 | | 17 |
| KINGSTON | 57 | 25 | 32 | 27 | 1 | | 19 | 3 | 1 | 56 |
| LONDONDERRY | 230 | 104 | 126 | 91 | 10 | 9 | 70 | 10 | | 228 |
| NEW CASTLE | 6 | 4 | 2 | 3 | | | 1 | | | 6 |
| NEWFIELDS | 10 | 5 | 5 | 5 | 1 | | 2 | 1 | | 9 |
| NEWINGTON | 8 | 6 | 2 | 3 | | | | | | 8 |
| NEWMARKET | 71 | 36 | 35 | 36 | 5 | 6 | 30 | 3 | | 70 |
| NEWTON | 47 | 25 | 22 | 18 | 1 | | 7 | 7 | | 47 |
| NORTH HAMPTON | 50 | 21 | 29 | 26 | 4 | | 17 | 4 | | 48 |
| NORTHWOOD | 36 | 15 | 21 | 17 | 1 | | 3 | 4 | | 31 |
| NOTTINGHAM | 27 | 15 | 12 | 11 | 1 | | 15 | 3 | | 26 |
| PLAISTOW | 65 | 39 | 26 | 29 | 1 | | 23 | 5 | | 65 |
| PORTSMOUTH | 494 | 266 | 228 | 238 | 23 | 10 | 88 | 43 | 1 | 486 |

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1982

| | TOTAL | SEX MALE | SEX FEMALE | FIRST BORN | UNDER 2500 GRAMS | PLURAL BIRTH | COMP OF PREG-LBR-BTH | MOTHER UNDER AGE 20 | NO PRE NATAL CARE | BORN IN HOSP |
|---|---|---|---|---|---|---|---|---|---|---|
| RAYMOND | 116 | 58 | 58 | 41 | 4 | | 41 | 10 | | 115 |
| RYE | 45 | 24 | 21 | 19 | 3 | 2 | 15 | 1 | | 45 |
| SALEM | 312 | 145 | 167 | 140 | 16 | 5 | 66 | 13 | | 312 |
| SANDOWN | 44 | 22 | 22 | 15 | 4 | | 7 | | | 42 |
| SEABROOK | 87 | 45 | 42 | 52 | 4 | | 25 | 14 | | 87 |
| SOUTH HAMPTON | 12 | 7 | 5 | 7 | | | 3 | | | 11 |
| STRATHAM | 35 | 16 | 19 | 23 | | | 12 | 3 | | 34 |
| WINDHAM | 94 | 35 | 59 | 30 | 9 | 4 | 23 | 4 | | 94 |
| ROCKINGHAM | 3014 | 1512 | 1502 | 1382 | 137 | 58 | 840 | 211 | 7 | 2973 |
| STRAFFORD | | | | | | | | | | |
| BARRINGTON | 76 | 42 | 34 | 32 | 3 | 2 | 30 | 7 | | 72 |
| DOVER | 408 | 194 | 214 | 199 | 22 | 11 | 151 | 46 | 1 | 403 |
| DURHAM | 42 | 20 | 22 | 19 | 1 | 1 | 11 | 2 | | 41 |
| FARMINGTON | 103 | 49 | 54 | 41 | 9 | 3 | 46 | 15 | 1 | 102 |
| LEE | 31 | 18 | 13 | 15 | 1 | 2 | 9 | 1 | | 30 |
| MADBURY | 15 | 7 | 8 | 7 | | | 3 | 1 | | 14 |
| MIDDLETON | 8 | 4 | 4 | 5 | 1 | | 4 | 2 | | 8 |
| MILTON | 44 | 27 | 17 | 19 | 1 | 2 | 26 | 7 | 1 | 44 |
| NEW DURHAM | 21 | 9 | 12 | 12 | | | 11 | 3 | | 20 |
| ROCHESTER | 384 | 182 | 202 | 168 | 25 | 7 | 187 | 53 | 2 | 382 |
| ROLLINSFORD | 28 | 16 | 12 | 10 | 1 | | 7 | | | 28 |
| SOMERSWORTH | 164 | 79 | 85 | 84 | 10 | | 68 | 18 | | 164 |
| STRAFFORD | 38 | 19 | 19 | 13 | | 2 | 14 | 1 | | 37 |
| STRAFFORD | 1362 | 666 | 696 | 624 | 74 | 30 | 567 | 156 | 5 | 1345 |
| SULLIVAN | | | | | | | | | | |
| ACWORTH | 12 | 5 | 7 | 6 | 1 | | 6 | | 1 | 10 |
| CHARLESTOWN | 64 | 30 | 34 | 21 | 7 | 4 | 36 | 4 | | 64 |
| CLAREMONT | 247 | 126 | 121 | 113 | 14 | 2 | 142 | 39 | 1 | 245 |
| CORNISH | 21 | 10 | 11 | 6 | 2 | | 11 | 3 | | 18 |
| CROYDON | 6 | 3 | 3 | 2 | | | 4 | | | 6 |
| GOSHEN | 14 | 7 | 7 | 5 | 4 | 2 | 7 | 2 | | 13 |
| GRANTHAM | 10 | 3 | 7 | 6 | 1 | | 4 | | | 10 |
| LANGDON | 3 | 3 | | 1 | | | 1 | 1 | | 3 |
| LEMPSTER | 6 | 1 | 5 | 1 | 1 | | 1 | | | 6 |
| NEWPORT | 79 | 44 | 35 | 33 | 4 | | 37 | 16 | | 78 |
| PLAINFIELD | 28 | 9 | 19 | 13 | 1 | | 14 | 2 | | 27 |
| SPRINGFIELD | 9 | 4 | 5 | 7 | 1 | | 2 | 1 | | 8 |
| SUNAPEE | 31 | 14 | 17 | 12 | 1 | | 11 | 4 | | 30 |
| UNITY | 12 | 4 | 8 | 3 | 2 | 2 | 7 | 1 | | 11 |
| WASHINGTON | 3 | 2 | 1 | | | | 2 | | | 3 |
| SULLIVAN | 545 | 265 | 280 | 229 | 39 | 10 | 285 | 73 | 2 | 532 |
| N H TOTAL | 14059 | 7184 | 6875 | 6321 | 731 | 311 | 4866 | 1436 | 70 | 13748 |

1. Number of birth records with an entry(ies) in any of the following categories a) complications of pregnancy b) Concurrent illnesses or conditions affecting the pregnancy c) complications of labor and/or delivery d) congenital diseases, abnormalities or anomalies. These numbers include all conditions, from minor to serious.

2. Number born in a New Hampshire or Out-of-State Hospital only. Excludes born in birthing center, born on arrival, at home and other places of birth.

TABLE 15 RESIDENT LIVE BIRTHS ACCORDING TO COUNTY OF MOTHER'S RESIDENCE BY HOSPITAL AND OTHER PLACES OF BIRTH, NEW HAMPSHIRE, 1982

| | COUNTY OF RESIDENCE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PLACE OF BIRTH | BELKNAP | CARROLL | CHESHIRE | COOS | GRAFTON | HILLSBOROUGH | MERRIMACK | ROCKINGHAM | STRAFFORD | SULLIVAN | STATE TOTAL |
| ALEXANDER EASTMAN HOSP | 1 | 0 | 0 | 0 | 0 | 16 | 0 | 111 | 0 | 0 | 128 |
| ALICE PECK DAY HOSPITAL | 0 | 0 | 0 | 0 | 163 | 0 | 1 | 1 | 0 | 15 | 180 |
| ANDROSCOGGIN VALLEY HOSP | 0 | 2 | 0 | 169 | 0 | 0 | 0 | 0 | 0 | 0 | 171 |
| CATH MED CENTER | 0 | 0 | 0 | 0 | 0 | 586 | 38 | 63 | 0 | 0 | 667 |
| CHESHIRE HOSPITAL | 0 | 0 | 509 | 0 | 0 | 3 | 0 | 0 | 0 | 4 | 516 |
| VALLEY REGIONAL HOSP | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 334 | 337 |
| CONCORD HOSPITAL | 93 | 7 | 1 | 1 | 29 | 302 | 922 | 98 | 18 | 8 | 1479 |
| COTTAGE HOSPITAL | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 0 | 0 | 69 |
| ELLIOT HOSPITAL | 0 | 0 | 0 | 0 | 0 | 977 | 71 | 273 | 2 | 0 | 1323 |
| EXETER HOSPITAL | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 789 | 64 | 0 | 861 |
| FRANKLIN HOSPITAL | 41 | 0 | 0 | 0 | 9 | 0 | 107 | 0 | 0 | 0 | 157 |
| FRISBIE MEMORIAL HOSP | 13 | 25 | 0 | 0 | 1 | 0 | 0 | 11 | 360 | 0 | 410 |
| HUGGINS HOSPITAL | 16 | 74 | 0 | 0 | 1 | 0 | 0 | 0 | 15 | 0 | 100 |
| LAKES REGION HOSPITAL | 429 | 51 | 0 | 0 | 93 | 1 | 58 | 0 | 1 | 0 | 633 |
| LITTLETON HOSPITAL | 0 | 2 | 0 | 49 | 164 | 0 | 0 | 0 | 0 | 0 | 215 |
| MARY HITCHCOCK HOSPITAL | 8 | 8 | 18 | 9 | 266 | 36 | 36 | 8 | 17 | 85 | 491 |
| MEMORIAL HOSPITAL-CONWAY | 0 | 152 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 153 |
| MONADNOCK COMMUNITY HOSP | 0 | 0 | 215 | 0 | 0 | 257 | 1 | 0 | 0 | 1 | 474 |
| MEMORIAL HOSPITAL-NASHUA | 0 | 0 | 3 | 0 | 0 | 290 | 3 | 113 | 0 | 0 | 1409 |
| NEW LONDON HOSPITAL | 1 | 0 | 0 | 0 | 5 | 0 | 53 | 0 | 0 | 53 | 112 |
| NEWPORT HOSPITAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| U.S.A.F. PEASE HOSPITAL | 2 | 1 | 1 | 2 | 0 | 2 | 0 | 254 | 107 | 0 | 370 |
| PORTSMOUTH HOSPITAL | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 292 | 44 | 0 | 338 |
| ST JOSEPH HOSPITAL | 0 | 0 | 0 | 0 | 1 | 607 | 6 | 57 | 0 | 0 | 671 |
| SCEVA SPEARE HOSPITAL | 2 | 1 | 0 | 0 | 71 | 0 | 1 | 0 | 0 | 0 | 75 |
| UPPER CONN VALLEY HOSP | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| WEEKS MEMORIAL HOSPITAL | 0 | 1 | 0 | 157 | 5 | 1 | 0 | 0 | 0 | 0 | 164 |
| WENTWORTH DOUGLASS HOSP | 5 | 7 | 0 | 0 | 0 | 2 | 1 | 43 | 689 | 0 | 747 |
| OB/GYN UNLIM PROF ASSOC | 4 | 2 | 0 | 0 | 5 | 15 | 42 | 13 | 4 | 0 | 85 |
| BOA | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| DOCTOR'S OFFICE | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| STREET ADDRESS | 2 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 10 |
| AT HOME | 14 | 21 | 20 | 3 | 19 | 46 | 35 | 28 | 13 | 12 | 211 |
| OUT OF STATE | 2 | 40 | 185 | 8 | 30 | 276 | 10 | 860 | 27 | 31 | 1469 |
| OTHER | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| *** TOTAL *** | 628 | 402 | 954 | 426 | 932 | 4407 | 1389 | 3014 | 1362 | 545 | 14059 |

TABLE 16 OCCURRENCES OF LIVE BIRTHS AND FETAL, NEONATAL AND INFANT DEATHS BY HOSPITAL AND OTHER PLACES OF OCCURRENCE, NEW HAMPSHIRE, 1982

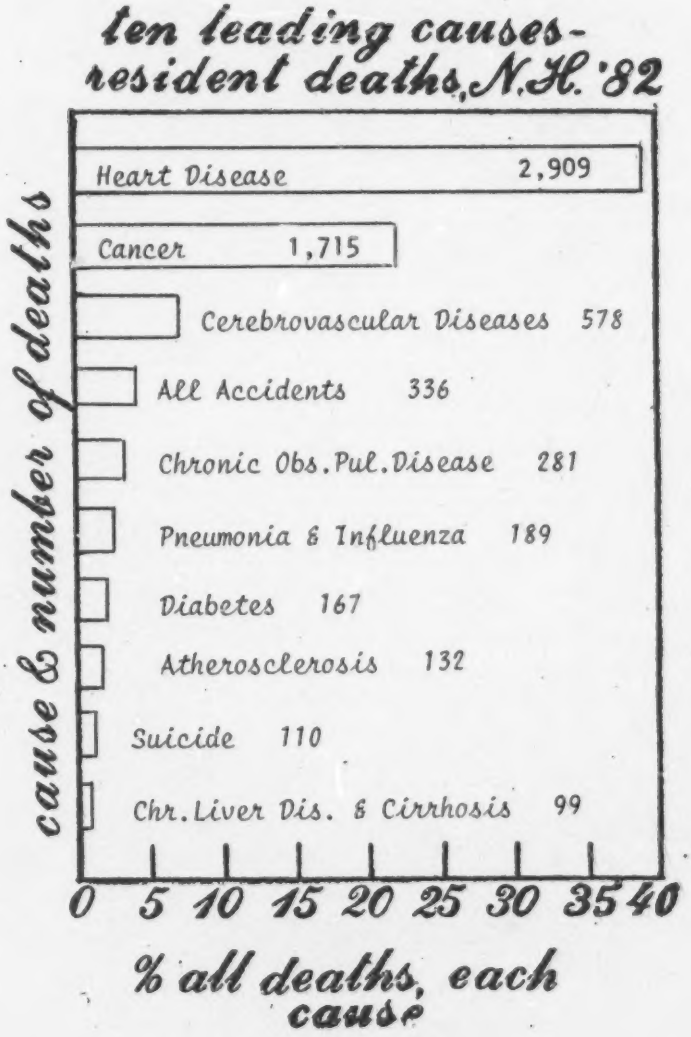
| Hospital and Other Places Occurrence | No. Live Births | No. Fetal Deaths | No. Neonatal Deaths | No. Infant Deaths |
|---|---|---|---|---|
| Alexander Eastman | 130 | 3 | 0 | 1 |
| Alice Peck Day Memorial | 314 | 1 | 0 | 0 |
| Androscoggin Valley | 175 | 1 | 1 | 1 |
| Catholic Medical Center | 669 | 8 | 9 | 12 |
| Cheshire Medical Center | 540 | 7 | 1 | 1 |
| Concord | 1,484 | 14 | 2 | 4 |
| Cottage | 126 | 0 | 0 | 0 |
| Elliot | 1,326 | 11 | 5 | 6 |
| Exeter | 932 | 4 | 0 | 0 |
| Franklin Regional | 158 | 0 | 0 | 0 |
| Frisbie Memorial | 466 | 3 | 2 | 2 |
| Huggins | 103 | 2 | 0 | 0 |
| Lakes Region | 637 | 1 | 3 | 4 |
| Littleton | 230 | 3 | 1 | 1 |
| Mary Hitchcock Memorial | 875 | 20 | 42 | 48 |
| N.Con. Memorial | 165 | 0 | 0 | 0 |
| Monadnock Community | 486 | 0 | 6 | 6 |
| Memorial, Nashua | 1,474 | 4 | 1 | 3 |
| New London | 115 | 2 | 1 | 1 |
| Newport | 1 | 0 | 0 | 0 |
| Pease Air Force Base | 506 | 2 | 1 | 1 |
| Portsmouth | 567 | 4 | 3 | 3 |
| St.Joseph | 725 | 9 | 11 | 13 |
| Sceva Speare | 75 | 0 | 0 | 0 |
| Upper Connecticut Valley | 39 | 0 | 0 | 1 |
| Valley Regional | 385 | 1 | 1 | 1 |
| Weeks Memorial | 181 | 2 | 0 | 0 |
| Wentworth Douglass | 947 | 5 | 7 | 9 |
| Ob-Gyn Un | 86 | 0 | 0 | 0 |
| Born on Arrival | 2 | - | - | - |
| Doctor's Office | 2 | 0 | 0 | 0 |
| Street Address | 14 | 0 | 0 | 1 |
| All Other | 1 | 0 | 0 | 4 |
| AT HOME | 211 | 0 | 2 | 7 |
| TOTAL | 14,147 | 107 | 99 | 130 |

Resident deaths totaled to 7,600 in 1982, 62 fewer than in 1981. The corresponding rate also decreased from 8.2 to 8.0 deaths per 1,000 population and is the lowest death rate of record for New Hampshire.

The 1982 state rate of 8.0 was also lower than the 1982 U.S. death rate of 8.6, by 7 percent.

Most resident deaths (88.1 percent) took place within the state. Of 903 deaths occurring out-of-state, most (520) were in Massachusetts while 137 took place in Vermont and 106, in Maine.

Male deaths as usual, outnumbered female deaths, 4,020 compared to 3,580. Males in general were younger than females at death with a median age of 70.6 years as against 77.8 years. The median age at death for all persons regardless of sex or cause was 73.7 years, very slightly higher than the 1981 median age of 73.5 years.




## Ten Leading Causes of Death*

The ten causes of death that have dominated resident mortality for many years continued to do so in 1982 and there were no changes in their relative rankings in comparison with 1981. Diseases of the heart, malignant neoplasms and cerebrovascular diseases ranked again as the three most frequent causes of death and accounted for 68.4 percent of all deaths. All ten leading causes combined accounted for 85.7 percent of total resident mortality.

1981 and 1982 New Hampshire death rates for the leading causes with corresponding 1982 U.S. mortality rates are presented in Table 17.

* *Causes of death have been classified using ACME, an automated system. See introduction.*

TABLE 17 RESIDENT DEATH RATES FOR THE TEN LEADING CAUSES OF DEATH & PERCENT CHANGE, NEW HAMPSHIRE, 1981-1982

| Leading Causes of Death With ICD-9 Code Number | N.H. Rank 1982 | N.H. Rate[1] 1981 | N.H. Rate[1] 1982 | % Change '81-'82 N.H. | '82 U.S.[2] Rate (Rank) | % Dif. NH vs US '82 Rates |
|---|---|---|---|---|---|---|
| Disease of the Heart (390-398, 402, 404-429) | 1 | 303.2 | 305.9 | +0.9 | 326.7(1) | -6.4 |
| Malignant Neoplasms (140-208) | 2 | 194.6 | 180.3 | -7.3 | 187.0(2) | -3.6 |
| Cerebrovascular Diseases (430-438) | 3 | 64.1 | 60.8 | -5.1 | 69.1(3) | -12.0 |
| All Accidents (E800-949) | 4 | 37.1 | 35.3 | -4.9 | 40.9(4) | -13.7 |
| Chronic Obstructive Pulmonary Disease & Allied Cond. (490-496) | 5 | 27.0 | 29.5 | +9.3 | 25.7(5) | +14.8 |
| Pneumonia & Influenza (480-487) | 6 | 23.2 | 19.9 | -14.2 | 21.0(6) | -5.2 |
| Diabetes Mellitus (250) | 7 | 17.7 | 17.6 | -0.6 | 14.3(7) | +23.0 |
| Atherosclerosis (440) | 8 | 16.1 | 13.9 | -13.7 | 11.4(9) | +21.9 |
| Suicide (E950-959) | 9 | 13.5 | 11.6 | -14.1 | 11.7(8) | -0.9 |
| Chronic Liver Dis. & Cirrhosis (571) | 10 | 11.2 | 10.4 | -7.1 | 11.7(8) | -11.1 |

1. Per 100,000 population
2. National Center for Health Statistics, 1982 provisional rates per 100,000 population.

## Leading Causes of Death in Age Groups

Among state residents aged one to 34 years, "all accidents" was the most frequent cause of death.

In comparison with 1981, heart disease supplanted malignant neoplasms as the 1982 leading cause of death in the age groups 35 to 44 and 55 to 64 years.

TABLE 18 LEADING CAUSE OF RESIDENT DEATH IN AGE GROUP BY SEX, NEW HAMPSHIRE, 1982

| AGE GROUP | Leading Cause of Death With ICD-9 Code No. | % of All Deaths in Age Group | - S E X - Male No. | Fem No. | M & F No. | No. Deaths All Causes M & F |
|---|---|---|---|---|---|---|
| Under 1 Yr. | Certain conditions originating in Perinatal Period (760-779) | 60.6 | 63 | 31 | 94 | 155 |
| 1-14 | All Accidents (E800-E949) | 44.4 | 22 | 6 | 28 | 63 |
| 15-24 | All Accidents | 62.4 | 70 | 23 | 93 | 149 |
| 25-34 | All Accidents | 36.2 | 47 | 7 | 54 | 149 |
| 35-44 | Dis. of the Heart (390-398, 402, 404-429) | 27.8 | 46 | 9 | 55 | 198 |
| 45-54 | Dis. of the Heart | 35.9 | 121 | 26 | 147 | 410 |
| 55-64 | Dis. of the Heart | 40.4 | 297 | 117 | 414 | 1,025 |
| 65-74 | Dis. of the Heart | 41.0 | 491 | 258 | 749 | 1,827 |
| 75 & over | Dis. of the Heart | 42.1 | 609 | 917 | 1,526 | 3,623 |
| All Ages | Dis. of the Heart | 38.3 | 1,575 | 1,334 | 2,909 | 7,600 |

## Cardiovascular Disease Mortality

Diseases of the heart, the 1982 leading cause of resident mortality, accounted for 38.3 percent (2,909) of total deaths. The corresponding rate was 305.9 per 100,000 persons, 0.9 percent above the 1981 rate of 303.2. The state rate however, was 6.4 percent less than the 1982 U.S. rate of 326.7 per 100,000 population.

More males than females, 1,575 in contrast to 1,334, died from heart disorders in 1982 and males as a group were younger than females at time of death. Male median age at death was 71.1 years while the female median was 78.7 years. These median ages at death were lower than those in 1981 when the male median was 72 years and the female, 80.4 years.

The major component of heart disease mortality over the years, ischemic heart disease, accounted for 74.7 percent of all heart disease deaths. Acute myocardial infarction alone (an acute form of ischemic disease) was responsible for 42.4 percent of all mortality from diseases of the heart. More males (773) than females (460) died due to acute myocardial infarction and the male median age at death was 68.3 years, markedly lower than the female median age of 75.1 years.

Table 19 below presents heart disease mortality rates by county for 1978 to 1982.

**TABLE 19 RESIDENT DEATH RATES[1] FOR HEART[2] BY COUNTY, NEW HAMPSHIRE, 1978-1982**

| COUNTY | - YEAR AND RATE - 1978 | 1979 | 1980 | 1981 | 1982 | 1978-1982 5 Year Average |
|---|---|---|---|---|---|---|
| Belknap | 381.7 | 374.4 | 389.4 | 368.0 | 359.9 | 374.7 |
| Carroll | 285.3 | 458.6 | 379.5 | 416.7 | 339.0 | 375.8 |
| Cheshire | 338.9 | 343.1 | 301.0 | 343.6 | 302.4 | 325.8 |
| Coos | 384.2 | 378.4 | 378.4 | 364.1 | 423.0 | 385.6 |
| Grafton | 315.4 | 297.5 | 290.2 | 318.3 | 306.3 | 305.5 |
| Hillsborough | 274.6 | 303.0 | 293.9 | 279.6 | 299.6 | 290.1 |
| Merrimack | 346.2 | 379.1 | 358.0 | 317.3 | 360.5 | 352.2 |
| Rockingham | 266.1 | 256.5 | 276.8 | 261.9 | 263.6 | 265.0 |
| Strafford | 306.8 | 318.5 | 325.4 | 282.0 | 277.0 | 301.9 |
| Sullivan | 338.2 | 364.9 | 321.6 | 400.8 | 300.8 | 345.3 |
| STATE: | 303.0 | 318.7 | 311.8 | 303.2 | 305.9 | 308.5 |

1. Per 100,000 population in the specific county.
2. 1978: ICD-8: 390-398, 402, 404, 410-429. 1979-1982: ICD-9: 390-398, 402, 404-429. Estimated comparability ratio: 1.01, National Center for Health Statistics, 1980.

Cerebrovascular diseases, another category of major cardiovascular disorders and the third leading cause of resident death in 1982 claimed 578 lives, 22 fewer than in 1981 and the corresponding rate was 60.8 per 100,000 persons, down 5.1 percent from the 1981 rate of 64.1. The 1982 state rate was also lower than the 1982 U.S. rate of 69.1. In contrast to deaths from heart disease, cerebrovascular diseases deaths were largely female, 351 to 227 male and females were generally older than males at death, 81.1 median years of age compared to 76.0 median years.

## Cancer Mortality

In 1982, 1,715 deaths were attributed to malignant neoplasms and the resident cancer death rate was 180.3 per 100,000 population. This rate was lower than the 1981 rate of 194.6, by 7.3 percent and was also lower than the 1982 U.S. rate of 187.0 deaths per 100,000 persons, by 3.6 percent. Cancer mortality rates by county for 1978 to 1982 are shown in Table 20.

TABLE 20 RESIDENT DEATH RATES[1] FOR CANCER[2] BY COUNTY, NEW HAMPSHIRE, 1978-1982

| COUNTY | - YEAR AND RATE - 1978 | 1979 | 1980 | 1981 | 1982 | 1978-1982 5 Year Average |
|---|---|---|---|---|---|---|
| Belknap | 193.4 | 281.0 | 216.8 | 208.0 | 224.9 | 224.8 |
| Carroll | 290.2 | 225.5 | 229.1 | 267.3 | 249.1 | 252.2 |
| Cheshire | 227.0 | 207.5 | 223.7 | 205.2 | 171.5 | 207.0 |
| Coos | 242.9 | 234.8 | 221.9 | 230.4 | 236.6 | 233.3 |
| Grafton | 205.9 | 201.6 | 179.3 | 219.2 | 220.1 | 205.2 |
| Hillsborough | 195.4 | 193.9 | 182.9 | 183.0 | 173.0 | 185.6 |
| Merrimack | 220.4 | 206.9 | 197.3 | 218.9 | 175.8 | 203.9 |
| Rockingham | 147.2 | 161.4 | 160.2 | 165.3 | 157.3 | 158.3 |
| Strafford | 176.3 | 202.3 | 203.7 | 179.1 | 177.1 | 187.7 |
| Sullivan | 220.6 | 192.8 | 205.1 | 244.3 | 161.1 | 204.8 |
| STATE: | 194.8 | 194.5 | 189 5 | 194.6 | 180.3 | 190.7 |

1. Per 100,000 population in the specific county.
2. 1978: ICD-8: 140-209. 1979-1982: ICD-9: 140-208. Estimated comparability ratio: 1.00, National Center for Health Statistics, 1980.

Male deaths due to cancer numbered 885, female deaths 830. Median age at death was 70.0 for males and 70.1 for females in 1982, above the 1981 median ages of 68.9 for males and 69.2 for females.

Table 21 below presents the numbers and percentages of male and female cancer deaths according to the site of malignancy. Among males, cancer of the trachea, bronchus and lung has accounted for the highest percentage of cancer mortality for a number of years. In 1982 this percentage was 33.3 percent, almost the same as the 1981 percentage of 33.4 percent. Among females, breast cancer has been the leading site for cancer mortality, 20.1 percent of total deaths in 1982 and 18.3 percent in 1981.

On the whole, cancer of the trachea, bronchus and lung was responsible for the highest percentage of cancer deaths in 1982, 24.4 percent, regardless of sex. In 1981, this percentage was 24.8.

TABLE 21 RESIDENT DEATHS DUE TO CANCER ACCORDING TO SELECTED SITES OF MALIGNANCY, BY SEX, NEW HAMPSHIRE, 1982

| Site of Malignancy and ICD-9 Code Number | - SEX - Male No. | % | Female No. | % | Total No. | % |
|---|---|---|---|---|---|---|
| **DIGESTIVE ORGANS** | | | | | | |
| Esophagus (150) | 27 | 3.1 | 6 | 0.7 | 33 | 1.9 |
| Gall Bladder & Bile Duct (156) | 6 | 0.7 | 14 | 1.7 | 20 | 1.2 |
| Large Intest. (colon) (153) | 79 | 8.9 | 102 | 12.3 | 181 | 10.6 |
| Liver & Intra Hep B.D. (155) | 12 | 1.4 | 9 | 1.1 | 21 | 1.2 |
| Pancreas (157) | 48 | 5.4 | 45 | 5.4 | 93 | 5.4 |
| Rectum (154) | 29 | 3.3 | 13 | 1.6 | 42 | 2.4 |
| Stomach (151) | 24 | 2.7 | 20 | 2.4 | 44 | 2.6 |
| **GENITAL ORGANS** | | | | | | |
| Breast (174-175) | 0 | 0.0 | 167 | 20.1 | 167 | 9.7 |
| Ovary (183) | -- | -- | 44 | 5.3 | 44 | 2.6 |
| Prostate (185) | 81 | 9.2 | -- | -- | 81 | 4.7 |
| Uterus (179-182) | -- | -- | 47 | 5.7 | 47 | 2.7 |
| **RESPIRATORY ORGANS** | | | | | | |
| Larynx (161) | 7 | 0.8 | 2 | 0.2 | 9 | 0.5 |
| Trachea, Bronchus & Lung (162) | 295 | 33.3 | 124 | 14.9 | 419 | 24.4 |
| **URINARY ORGANS** | | | | | | |
| Bladder (188) | 34 | 3.8 | 11 | 1.3 | 45 | 2.6 |
| Kidney & Other (189) | 21 | 2.4 | 15 | 1.8 | 36 | 2.1 |
| **OTHER SITES** | | | | | | |
| Brain & Nervous Sys. (191-192) | 15 | 1.7 | 24 | 2.9 | 39 | 2.3 |
| Lymph & Hemato: | | | | | | |
| Leukemias (204-208) | 30 | 3.4 | 28 | 3.4 | 58 | 3.4 |
| All Other (200-203) | 37 | 4.2 | 40 | 4.8 | 77 | 4.5 |
| Pharynx (146-149) | 11 | 1.2 | 2 | 0.2 | 13 | 0.8 |
| Skin (172-173) | 21 | 2.4 | 11 | 1.3 | 32 | 1.9 |
| **REMAINING SITES** | | | | | | |
| Remainder of (140-208) | 108 | 12.2 | 106 | 12.8 | 214 | 12.5 |
| TOTAL: | 885 | 100.0 | 830 | 100.0 | 1,715 | 100.0 |

## Accident Mortality

Accidents, 1982's fourth most frequent cause of resident mortality, accounted for 336 deaths. The corresponding rate was 35.3 per 100,000 persons which was 4.9 percent less than the 1981 rate of 37.1.

Motor vehicle accident deaths outnumbered all other accidental deaths, 182 compared to 154 and amounted to 54.2 percent of all accident mortality in 1982. In 70.9 percent of total deaths (129 of 182), the victim was male and the male median age at death was 25.3 years.

Among all other types of accidental deaths, falls were the dominant source of mortality, accounting for 42 of 154 deaths (27.3 percent). And male deaths outnumbered female deaths from non-motor vehicle accidents, 105 male in contrast to 49 female. Males were also generally much younger than females at time of death. The male median age was 39.8 years in contrast to 70.8 median years for females.

TABLE 22 TYPE OF RESIDENT ACCIDENTAL DEATHS BY SEX, NEW HAMPSHIRE, 1982

| Type of Accident & ICD-9 Code | - S E X - Male No. | Female No. | TOTAL NO. |
|---|---|---|---|
| Motor Vehicle (E810-E825) | 129 | 53 | 182 |
| Non-Motor Vehicle: | 105 | 49 | 154 |
| Falls (E880-888) | 27 | 15 | 42 |
| Fire (E890-899) | 7 | 4 | 11 |
| Drowning (E910) | 18 | 2 | 20 |
| Machinery (E919) | 4 | 0 | 4 |
| Poisoning (E850-E869) | 7 | 4 | 11 |
| Air/Space Transport (E840-E845) | 2 | 2 | 4 |
| Asphyxia (Food/Object)(E911-E912) | 3 | 5 | 8 |
| Firearms (E922) | 6 | 0 | 6 |
| Electric Current (E925) | 0 | 0 | 0 |
| ALL OTHER (Residual, E800-807, E826-E949) | 31 | 17 | 48 |
| TOTAL | 234 | 102 | 336 |

TABLE 23 RESIDENT DEATH RATES[1] FOR MOTOR VEHICLE[2] AND ALL OTHER ACCIDENTS[3] BY COUNTY, NEW HAMPSHIRE, 1978-1982

| COUNTY | - YEAR AND RATE - 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | 5 Year Average 1978-1982 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MVA | OTH. | MVA | OTH. | MVA | OTH. | MVA | OTH. | MVA | OTH. | MVA | OTH. |
| Belknap | 22.9 | 25.4 | 28.4 | 26.1 | 4.7 | 14.0 | 16.0 | 25.1 | 20.2 | 22.4 | 18.4 | 22.6 |
| Carroll | 19.8 | 19.8 | 48.9 | 22.6 | 25.1 | 21.5 | 20.8 | 24.3 | 38.1 | 13.8 | 30.5 | 20.4 |
| Cheshire | 18.4 | 20.0 | 18.0 | 18.0 | 17.7 | 16.1 | 20.7 | 22.3 | 15.6 | 23.4 | 18.1 | 20.0 |
| Coos | 22.6 | 14.1 | 30.4 | 22.1 | 17.1 | 31.3 | 14.2 | 25.6 | 25.0 | 16.7 | 21.9 | 22.0 |
| Grafton | 11.4 | 16.3 | 16.3 | 21.1 | 19.8 | 15.2 | 21.0 | 36.0 | 23.8 | 22.3 | 18.5 | 22.2 |
| Hillsborough | 13.1 | 12.7 | 17.7 | 19.6 | 17.0 | 13.0 | 10.3 | 14.6 | 15.4 | 12.9 | 14.7 | 14.5 |
| Merrimack | 20.4 | 18.3 | 13.0 | 29.3 | 25.4 | 13.2 | 16.1 | 24.1 | 18.8 | 13.8 | 18.7 | 19.7 |
| Rockingham | 22.8 | 15.6 | 25.0 | 16.8 | 25.7 | 16.8 | 16.9 | 18.5 | 18.7 | 18.2 | 21.8 | 17.2 |
| Strafford | 18.1 | 18.1 | 14.4 | 18.0 | 22.2 | 10.5 | 20.8 | 20.8 | 25.0 | 10.2 | 20.1 | 15.5 |
| Sullivan | 26.5 | 5.9 | 29.7 | 26.7 | 11.1 | 11.1 | 27.5 | 35.7 | 13.4 | 21.5 | 21.6 | 20.2 |
| STATE | 18.1 | 15.7 | 20.8 | 20.7 | 19.9 | 14.9 | 16.1 | 26.0 | 19.1 | 16.2 | 18.3 | 17.7 |

1. Per 100,000 population in the specified county.
2. MVA 1978: ICDA-8: E810-E823, 1979-1982: ICD-9: E810-E825. Estimated comparability ratio, 1.0117, National Center for Health Statistics, 1980.
3. All other accidents 1978: ICDA-8: E800-E807, E825-E949, 1979-1982: E800-E807, E826-E949. Estimated comparability ratio, 0.9841, National Center for Health Statistics, 1980.

TABLE 24 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1982

| | TOTAL DEATHS | Certain Intestinal Infections (007-009) | Tuberculosis (010-018) | Septicemia (038) | Malignant Neoplasms (140-208) | Diabetes Mellitus (250) | Anemias (280-285) | Diseases of the Heart (390-398,402,404-429) | Hypertension (401, 403) | Cerebrovascular Disease (430-439) | Atherosclerosis (440) | Pneumonia & Influenza (480-487) | Chronic Obstructive Pulmonary Disease (490-496) | Ulcer,Stomach & Duodenum (531-533) | Hernia & Intestinal Obstruction (550-553, 560) | Chronic Liver Disease & Cirrhosis (571) | Nephritis; Nephrotic Syndrome, Nephrosis(580-589) | Infections of Kidney (590) | Maternal Causes (630-676) | Congenital Anomalies (740-759) | Conditions in Early Infancy (760-779) | Symptoms, Signs, Ill Defined Conditions (780-799) | Motor Vehicle Accidents (E810-E825) | All Other Accidents (E800-E807, E826-E949) | Suicide (E950-E959) | Homicide (E960-E978) and Legal Intervention | All Other Causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRAND TOTAL: | 7600 | 1 | 4 | 33 | 1715 | 167 | 16 | 2909 | 35 | 578 | 132 | 189 | 281 | 33 | 16 | 99 | 65 | 8 | 2 | 48 | 94 | 30 | 182 | 154 | 110 | 19 | 680 |
| BELKNAP COUNTY: | 422 | 0 | 1 | 4 | 100 | 7 | 0 | 160 | 1 | 36 | 12 | 8 | 14 | 2 | 1 | 4 | 2 | 0 | 1 | 0 | 4 | 1 | 9 | 10 | 3 | 0 | 42 |
| Alton | 22 | 0 | 0 | 0 | 5 | 0 | 0 | 3 | 0 | | | | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 6 |
| Belmont | 25 | 0 | | 0 | 7 | 0 | 0 | 14 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 |
| Gilford | 29 | 0 | 0 | | 7 | 0 | 0 | 7 | | 4 | | | | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | | | 0 | 0 | 3 |
| Laconia | 175 | 0 | | 0 | 42 | 3 | 0 | 67 | 0 | 18 | 4 | 3 | 7 | | | 4 | 0 | 0 | 0 | 0 | 3 | | | 0 | | 0 | 16 |
| Meredith | 59 | 0 | 0 | | 15 | | 0 | 21 | | 4 | | 0 | 3 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | | | 0 | 8 |
| Tilton | 52 | 0 | 0 | | 6 | | 0 | 24 | 0 | 3 | | 4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 3 | 0 | 0 | 7 |
| Remainder of Cnty. | 60 | 0 | 0 | 0 | 18 | 1 | 0 | 24 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 2 | 1 | 0 | 2 |
| CARROLL COUNTY: | 279 | 0 | 0 | 0 | 72 | 6 | 0 | 98 | 2 | 28 | 9 | 6 | 9 | 0 | 2 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 11 | 4 | 2 | 0 | 23 |
| Conway | 75 | 0 | 0 | 0 | 13 | 3 | 0 | 32 | | 6 | 3 | 0 | 3 | 0 | | 0 | 0 | 0 | 0 | 0 | | | 0 | | | 0 | 8 |
| Ossipee | 29 | 0 | 0 | 0 | 7 | | 0 | 12 | | | 0 | | | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | | | 0 | 0 | |
| Wakefield | 34 | 0 | 0 | 0 | 12 | | 0 | 9 | 0 | | | | 3 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 4 | 0 | 0 | 0 | |
| Wolfeboro | 40 | 0 | 0 | 0 | 10 | | 0 | 14 | 0 | 7 | | 0 | | 0 | 0 | | 0 | 0 | 0 | | 0 | | | 0 | | 0 | 4 |
| Remainder of Cnty. | 101 | 0 | 0 | 0 | 30 | 0 | 0 | 31 | 0 | 12 | 5 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 1 | 1 | 11 | 4 | 2 | 0 | 23 |
| CHESHIRE COUNTY: | 537 | 0 | 1 | 1 | 110 | 13 | 0 | 194 | 10 | 52 | 13 | 16 | 14 | 0 | 3 | 7 | 3 | 0 | 0 | 2 | 9 | 0 | 10 | 15 | 4 | 2 | 58 |
| Chesterfield | 26 | 0 | 0 | 0 | 5 | | 0 | 7 | 0 | 3 | | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | 4 |
| Hinsdale | 34 | 0 | 0 | 0 | 6 | 0 | 0 | 15 | 0 | | 0 | | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | | | | 4 |
| Jaffrey | 50 | 0 | | 0 | 6 | 0 | 0 | 18 | | 5 | 4 | 4 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | 5 |
| Keene | 202 | 0 | 0 | | 48 | 6 | 0 | 68 | 3 | 21 | 5 | 8 | 5 | 0 | | | 0 | 0 | 0 | 0 | | 0 | | 3 | | 0 | 26 |
| Swanzey | 34 | 0 | 0 | | 10 | | 0 | 9 | | 5 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | | 0 | 0 | |
| Walpole | 32 | 0 | | 0 | 3 | | 0 | 15 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 3 | | 0 | 0 | 3 |
| Winchester | 24 | 0 | 0 | 0 | 5 | 0 | 0 | 11 | 0 | 0 | | | | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Remainder of Cnty. | 135 | 0 | 0 | 0 | 27 | 5 | 0 | 51 | 3 | 14 | 1 | 3 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 5 | 0 | 1 | 6 | 1 | 1 | 12 |
| COOS COUNTY: | 376 | 0 | 0 | 1 | 85 | 11 | 1 | 152 | 0 | 32 | 12 | 5 | 10 | 0 | 1 | 3 | 5 | 0 | 0 | 0 | 1 | 2 | 9 | 6 | 6 | 0 | 34 |
| Berlin | 176 | 0 | 0 | 0 | 46 | 5 | | 67 | 0 | 13 | 8 | 3 | 3 | 0 | | | | 0 | 0 | 0 | | | | 3 | | 0 | 18 |
| Colebrook | 21 | 0 | 0 | 0 | 6 | 0 | 0 | 8 | 0 | 3 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 0 | |
| Gorham | 27 | 0 | 0 | 0 | 4 | | | 12 | 0 | | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 4 |
| Lancaster | 35 | 0 | 0 | 0 | 4 | 0 | 0 | 18 | 0 | 4 | | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | | | | 0 | |
| Northumberland | 22 | 0 | 0 | 0 | 6 | | 0 | 9 | 0 | | 0 | | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | |
| Remainder of Cnty. | 95 | 0 | 0 | 1 | 19 | 4 | 0 | 38 | 0 | 9 | 2 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 3 | 0 | 8 |

TABLE 24 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1982

| | TOTAL DEATHS | Certain Intestinal Infections (007-009) | Tuberculosis (010-018) | Septicemia (038) | Malignant Neoplasms (140-208) | Diabetes Mellitus (250) | Anemias (280-285) | Diseases of the Heart (390-398,402,404-429) | Hypertension (401, 403) | Cerebrovascular Disease (430-439) | Atherosclerosis (440) | Pneumonia & Influenza (480-487) | Chronic Obstructive Pulmonary Disease (490-496) | Ulcer,Stomach & Duodenum (531-533) | Hernia & Intestinal Obstruction (550-553, 560) | Chronic Liver Disease & Cirrhosis (571) | Nephritis; Nephrotic Syndrome, Nephrosis(580-589) | Infections of Kidney (590) | Maternal Causes (630-676) | Congenital Anomalies (740-759) | Conditions in Early Infancy (760-779) | Symptoms, Signs, Ill Defined Conditions (780-799) | Motor Vehicle Accidents (E810-E825) | All Other Accidents (E800-E807, E826-E949) | Suicide (E950-E959) | Homicide (E960-E978) and Legal Intervention | All Other Causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRAFTON COUNTY: | 586 | 0 | 0 | 3 | 148 | 12 | 2 | 206 | 1 | 33 | 5 | 21 | 29 | 4 | 2 | 5 | 6 | 0 | 0 | 2 | 4 | 7 | 16 | 15 | 5 | 0 | 60 |
| Ashland | 25 | 0 | 0 | 0 | 3 | 0 | 0 | 10 | 0 | - | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 6 |
| Enfield | 19 | 0 | 0 | 0 | 6 | | 0 | 5 | 0 | 0 | 0 | | 3 | 0 | | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | | 0 | |
| Hanover | 53 | 0 | 0 | | 8 | | 0 | 26 | 0 | | | 3 | 4 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | | 0 | 0 | 4 |
| Haverhill | 36 | 0 | 0 | 0 | 7 | | 0 | 14 | | 0 | 0 | | | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 6 |
| Lebanon | 116 | 0 | 0 | | 33 | | 0 | 36 | 0 | 7 | | 3 | 3 | | 0 | | 0 | 0 | 0 | | | | 3 | | | 0 | 16 |
| Littleton | 56 | 0 | 0 | 0 | 12 | 0 | | 25 | | 5 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | | | | 0 | 0 | 7 |
| Plymouth | 32 | 0 | 0 | 0 | 9 | 0 | | 14 | 0 | 0 | 0 | 5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Remainder of Cnty. | 249 | 0 | 0 | 1 | 70 | 6 | 1 | 76 | 0 | 18 | 3 | 5 | 14 | 3 | 1 | 3 | 4 | 0 | 0 | 1 | 2 | 2 | 11 | 7 | 4 | 0 | 17 |
| HILLSBOROUGH COUNTY: | 2186 | 1 | 1 | 9 | 495 | 44 | 7 | 857 | 7 | 144 | 45 | 58 | 85 | 11 | 2 | 31 | 22 | 2 | 0 | 20 | 34 | 11 | 44 | 37 | 33 | 6 | 180 |
| Amherst | 30 | 0 | 0 | 0 | 7 | | 0 | 10 | 0 | | | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 4 |
| Antrim | 22 | 0 | 0 | 0 | 4 | | 0 | 5 | 0 | | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | | 0 | 0 | 3 |
| Bedford | 54 | 0 | 0 | | 13 | | 0 | 21 | | 3 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 7 |
| Goffstown | 79 | 0 | 0 | 0 | 20 | | | 34 | 0 | | 5 | 0 | | 0 | 0 | 0 | 4 | 0 | 0 | | | 0 | | 0 | 0 | 0 | 4 |
| Hillsboro | 43 | 0 | 0 | 0 | 9 | 0 | 0 | 19 | 0 | 4 | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | | | | 0 | |
| Hollis | 27 | | 0 | 0 | 8 | | 0 | 8 | 0 | 0 | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | |
| Hudson | 82 | 0 | 0 | | 18 | | | 35 | 0 | 6 | 0 | | | | 0 | | 0 | 0 | 0 | 0 | | 0 | | | 0 | 0 | 8 |
| Manchester | 963 | | 0 | 3 | 209 | 17 | | 398 | | 64 | 22 | 30 | 39 | 3 | | 21 | 10 | | 0 | 12 | 10 | 4 | 8 | 19 | 14 | | 70 |
| Merrimack | 56 | 0 | 0 | 0 | 13 | | 0 | 16 | 0 | 3 | | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 5 | 0 | 0 | | 3 | 0 | 6 |
| Milford | 87 | 0 | | 0 | 17 | | 0 | 32 | 0 | 5 | | 5 | 4 | | 0 | 0 | | 0 | 0 | | 0 | | | 0 | | 0 | 10 |
| Nashua | 475 | 0 | 0 | 5 | 110 | 11 | 3 | 196 | | 31 | 7 | 10 | 17 | | 0 | 3 | 4 | | 0 | | 11 | 5 | 4 | 3 | 5 | | 41 |
| Pelham | 29 | 0 | 0 | 0 | 7 | 0 | 0 | 8 | | 5 | 0 | | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | |
| Peterborough | 61 | 0 | | 0 | 20 | 0 | 0 | 22 | 0 | 7 | | 3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Weare | 16 | 0 | 0 | 0 | 4 | 0 | 0 | 3 | 0 | 4 | | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Wilton | 18 | 0 | 0 | 0 | | | 0 | 8 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | | | 0 | |
| Remainder of Cnty. | 144 | 0 | 0 | 0 | 34 | 2 | 0 | 42 | 1 | 6 | 2 | 3 | 8 | 1 | 0 | 1 | 2 | 0 | 0 | 1 | 4 | 1 | 13 | 5 | 3 | 1 | 14 |
| MERRIMACK COUNTY: | 871 | 0 | 0 | 4 | 178 | 22 | 1 | 365 | 5 | 69 | 20 | 17 | 29 | 7 | 3 | 9 | 5 | 3 | 0 | 5 | 9 | 1 | 19 | 14 | 16 | 2 | 68 |
| Allenstown | 28 | 0 | 0 | 0 | 8 | | 0 | 11 | 0 | 0 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | 0 | 0 | |
| Andover | 22 | 0 | 0 | 0 | 4 | | 0 | 8 | 0 | | 0 | | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 3 |
| Boscawen | 34 | 0 | 0 | 0 | 4 | | 0 | 13 | 0 | 6 | | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 5 |
| Concord | 376 | 0 | 0 | 0 | 71 | 8 | 0 | 161 | | 29 | 13 | 6 | 20 | | | 4 | | 3 | 0 | 0 | 5 | | 7 | 7 | 7 | | 27 |
| Epsom | 25 | 0 | 0 | 0 | 3 | | 0 | 11 | 0 | | | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 3 |
| Franklin | 74 | 0 | 0 | | 19 | 5 | | 33 | 0 | 5 | 0 | | | 0 | 0 | 0 | | 0 | 0 | | | 0 | | 0 | 0 | 0 | 3 |
| Hooksett | 40 | 0 | 0 | 0 | 9 | | 0 | 18 | | 3 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Hopkinton | 22 | 0 | 0 | 0 | 4 | 0 | | 10 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 3 |
| New London | 26 | 0 | 0 | 0 | 6 | 0 | 0 | 9 | 0 | 3 | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Pembroke | 37 | 0 | 0 | 0 | 10 | 0 | 0 | 20 | | | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Pittsfield | 26 | 0 | 0 | | 6 | | 0 | 8 | | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 4 |
| Remainder of Cnty. | 161 | 0 | 0 | 2 | 34 | 2 | 0 | 63 | 0 | 13 | 3 | 5 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | 3 | 6 | 1 | 11 |

TABLE 24 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1982

| | TOTAL DEATHS | Certain Intestinal Infections (007-009) | Tuberculosis (010-018) | Septicemia (038) | Malignant Neoplasms (140-208) | Diabetes Mellitus (250) | Anemias (280-285) | Diseases of the Heart (390-398,402,404-429) | Hypertension (401, 403) | Cerebrovascular Disease (430-439) | Atherosclerosis (440) | Pneumonia & Influenza (480-487) | Chronic Obstructive Pulmonary Disease (490-496) | Ulcer,Stomach & Duodenum (531-533) | Hernia & Intestinal Obstruction (550-553, 560) | Chronic Liver Disease & Cirrhosis (571) | Nephritis; Nephrotic Syndrome, Nephrosis(580-589) | Infections of Kidney (590) | Maternal Causes (630-676) | Congenital Anomalies (740-759) | Conditions in Early Infancy (760-779) | Symptoms, Signs, Ill Defined Conditions (780-799) | Motor Vehicle Accidents (E810-E825) | All Other Accidents (E800-E807, E826-E949) | Suicide (E950-E959) | Homicide (E960-E978) and Legal Intervention | All Other Causes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROCKINGHAM COUNTY: | 1366 | 0 | 1 | 6 | 311 | 30 | 3 | 521 | 6 | 100 | 8 | 39 | 56 | 4 | 2 | 18 | 9 | 2 | 1 | 10 | 15 | 6 | 37 | 36 | 19 | 5 | 121 |
| Derry | 119 | 0 | | 0 | 27 | | | 53 | | 11 | 0 | | 3 | 0 | 0 | | | 0 | | | | 0 | 3 | | | 0 | 9 |
| Epping | 31 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 0 | 3 | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 3 | | 0 | |
| Exeter | 120 | 0 | 0 | 0 | 22 | 3 | 0 | 41 | 0 | 21 | 0 | 6 | 8 | 0 | 0 | 3 | 0 | | 0 | | 0 | | | 0 | 0 | 0 | 12 |
| Hampstead | 31 | 0 | 0 | 0 | 10 | | | 15 | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 |
| Hampton | 96 | 0 | 0 | | 20 | 3 | 0 | 44 | 0 | 6 | 0 | | 5 | | 0 | | | 0 | 0 | 0 | | 0 | | | | 0 | 7 |
| Londonderry | 50 | 0 | 0 | | 10 | | 0 | 16 | 0 | 4 | 0 | | | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 4 | | 0 | 0 | 6 |
| Newmarket | 36 | 0 | 0 | 0 | 4 | | 0 | 16 | 0 | | 0 | 0 | | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | | | 3 | | 5 |
| North Hampton | 17 | 0 | 0 | 0 | 5 | 0 | 0 | 9 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | |
| Plaistow | 39 | 0 | 0 | 0 | 12 | | 0 | 15 | 0 | 4 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | | 0 | 0 |
| Portsmouth | 227 | 0 | 0 | | 56 | | 0 | 77 | | 15 | | 10 | 6 | | 0 | 3 | 3 | | 0 | | 4 | | 3 | 7 | | 4 | 25 |
| Raymond | 39 | 0 | 0 | 0 | 7 | | 0 | 14 | | 4 | | 0 | 4 | 0 | 0 | | 0 | 0 | 0 | | 0 | 0 | | 0 | | 0 | |
| Rye | 38 | 0 | 0 | 0 | 11 | 0 | 0 | 14 | 0 | 4 | 0 | | | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 |
| Salem | 169 | 0 | 0 | | 43 | 5 | 0 | 57 | 0 | 6 | | 6 | 9 | | 0 | 3 | | 0 | 0 | | | | 4 | 6 | | 0 | 18 |
| Seabrook | 48 | 0 | 0 | 0 | 12 | | 0 | 16 | | | 0 | 0 | 3 | 0 | 0 | | 0 | 0 | 0 | | 0 | | | 4 | | 0 | 4 |
| Windham | 34 | 0 | 0 | | 6 | 3 | 0 | 9 | 0 | | 0 | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | 3 | 3 | 0 | 0 | 4 |
| Remainder of Cnty. | 272 | 0 | 0 | 1 | 56 | 5 | 2 | 115 | 1 | 16 | 4 | 8 | 12 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 3 | 1 | 7 | 6 | 5 | 0 | 25 |
| STRAFFORD COUNTY: | 670 | 0 | 0 | 2 | 156 | 16 | 1 | 244 | 3 | 59 | 5 | 17 | 24 | 2 | 0 | 13 | 7 | 0 | 0 | 3 | 11 | 1 | 22 | 9 | 16 | 3 | 56 |
| Barrington | 27 | 0 | 0 | 0 | | 0 | 0 | 14 | 0 | 3 | 0 | 3 | | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | | | 0 | 0 | 0 |
| Dover | 217 | 0 | 0 | | 49 | 4 | 0 | 93 | | 18 | | 5 | 5 | | 0 | 4 | | 0 | 0 | | 4 | 0 | 0 | 5 | 5 | | 16 |
| Durham | 23 | 0 | 0 | 0 | 7 | 0 | 0 | 5 | 0 | 4 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 3 |
| Farmington | 53 | 0 | 0 | 0 | 15 | 0 | 0 | 17 | 0 | 4 | 0 | | | | 0 | | 0 | 0 | 0 | | 0 | 0 | | 0 | | | 6 |
| Rochester | 195 | 0 | 0 | 0 | 43 | 6 | 0 | 67 | | 18 | | 6 | 8 | 0 | 0 | 6 | 4 | 0 | 0 | 0 | 6 | | | | | | 22 |
| Somersworth | 79 | 0 | 0 | | 29 | 4 | 0 | 22 | 0 | 6 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | 3 | | | 0 | 5 |
| Remainder of Cnty. | 76 | 0 | 0 | 0 | 12 | 2 | 1 | 26 | 1 | 6 | 0 | 2 | 4 | 2 | 0 | 13 | 7 | 0 | 0 | 3 | 11 | 1 | 22 | 9 | 16 | 3 | 4 |
| SULLIVAN COUNTY: | 307 | 0 | 0 | 3 | 60 | 6 | 1 | 112 | 0 | 25 | 3 | 2 | 11 | 3 | 0 | 6 | 6 | 1 | 0 | 4 | 6 | 0 | 5 | 8 | 6 | 1 | 38 |
| Charlestown | 25 | 0 | 0 | 0 | 6 | | 0 | 12 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | 0 | 0 | | | 0 | |
| Claremont | 142 | 0 | 0 | | 29 | | | 55 | 0 | 10 | | 0 | 6 | | 0 | 3 | | | 0 | | 3 | 0 | 3 | | 4 | 0 | 14 |
| Newport | 61 | 0 | 0 | 0 | 11 | | | 21 | 0 | 7 | | | 3 | 0 | 0 | | 4 | 0 | 0 | 0 | 0 | 0 | | | | 0 | 7 |
| Sunapee | 12 | 0 | 0 | 0 | | | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | 0 | | | 0 | 0 | |
| Remainder of Cnty. | 67 | 0 | 0 | 1 | 12 | 1 | 0 | 21 | 0 | 6 | 0 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 3 | 0 | 1 | 12 |

1. The data are presented so that no town number of less than three for a specific cause appears, to meet confidentiality requirements. Therefore, town numbers will not always sum to county totals nor will numbers for specific causes always sum to the town totals.
2. The nomenclature for the causes of death generally coincides with that appearing in the national reports of the National Center for Health Statistics.

## INFANT, NEONATAL AND FETAL MORTALITY

### Infant Deaths

Resident infant deaths numbered 155 in 1982, 23 more than in 1981 and the infant mortality rate was 11.0 per 1,000 live births, above the 1981 rate of 9.7. The 1982 rate was also higher than the 1982 national infant death rate of 9.7.

A majority of the deaths, 67.1 percent (104 of 155) took place at less than seven days of age and 49.7 percent of the total (77) occurred under one day of life. Of the causes of infant death shown in Table 27, "Other conditions originating in the perinatal period" was the leading cause of mortality, accounting for 60 of all 155 deaths.

### Neonatal Deaths

The number of resident neonatal deaths was 120 in 1982 compared to 85 in 1981 and the 1982 neonatal death rate was 8.5 per 1,000 live births which reflected an increase over the 1981 rate of 6.3.

### Perinatal and Fetal Deaths

1982 perinatal deaths (fetal deaths plus deaths under seven days from birth) amounted to 13.5 for every 1,000 live births plus fetal deaths. In comparison, the perinatal death rate was 11.7 in 1981.

Reports of fetal deaths in 1982 totaled to 87, exactly the same number as in 1981 and the 1982 death rate of 6.2 per 1,000 births plus fetal deaths was slightly below the 1981 rate of 6.4.

Fetal mortality was highest among mothers at ages 35 and over at a rate of 7.9 fetal deaths per 1,000 deliveries while it was lowest among the youngest mothers, ages 19 and under, 4.2 deaths per 1,000 deliveries.

**TABLE 25 RESIDENT FETAL, EARLY NEONATAL, PERINATAL, NEONATAL AND INFANT DEATH RATES* BY COUNTY, NEW HAMPSHIRE, 1982**

| COUNTY | Fetal Deaths | | Early Neonatal Deaths | | Perinatal Deaths | | Neonatal Deaths | | Infant Deaths | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Belknap | 1 | 1.6 | 4 | 6.4 | 5 | 7.9 | 4 | 6.4 | 5 | 8.0 |
| Carroll | 2 | 5.0 | 3 | 7.5 | 5 | 12.4 | 4 | 10.0 | 5 | 12.4 |
| Cheshire | 8 | 8.3 | 10 | 10.5 | 18 | 18.7 | 12 | 12.6 | 14 | 14.7 |
| Coos | 4 | 9.3 | 1 | 2.3 | 5 | 11.6 | 1 | 2.3 | 2 | 4.7 |
| Grafton | 7 | 7.5 | 4 | 4.3 | 11 | 11.7 | 5 | 5.4 | 6 | 6.4 |
| Hillsborough | 26 | 5.9 | 38 | 8.6 | 64 | 14.4 | 43 | 9.8 | 60 | 13.6 |
| Merrimack | 15 | 10.7 | 8 | 5.8 | 23 | 16.4 | 10 | 7.2 | 15 | 10.8 |
| Rockingham | 15 | 5.0 | 20 | 6.6 | 35 | 11.6 | 23 | 7.6 | 26 | 8.6 |
| Strafford | 7 | 5.1 | 11 | 8.1 | 18 | 13.1 | 11 | 8.1 | 15 | 11.0 |
| Sullivan | 2 | 3.7 | 5 | 9.2 | 7 | 12.8 | 7 | 12.8 | 7 | 12.8 |
| STATE | 87 | 6.2 | 104 | 7.4 | 191 | 13.5 | 120 | 8.5 | 155 | 11.0 |

*Fetal and perinatal death rates are per 1,000 live births plus fetal deaths, in specified county. Early neonatal, neonatal and infant death rates are per 1,000 live births, in specified county.

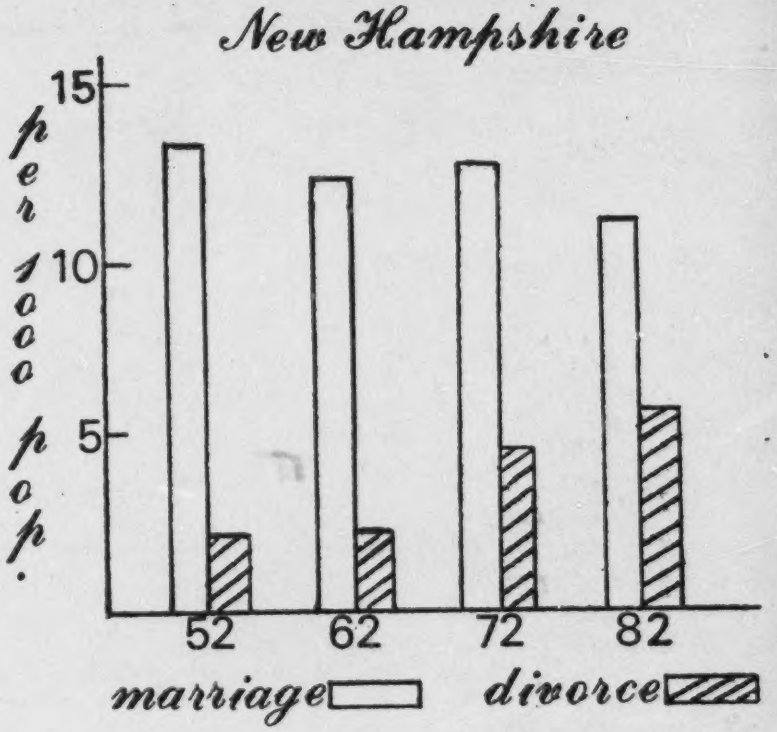
TABLE 26 NUMBER OF RESIDENT INFANT DEATHS BY SEX AND NUMBER ACCORDING TO AGE, BY COUNTY
NEW HAMPSHIRE, 1982

| COUNTY | TOTAL | - SEX - | | - AGE - | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MALE | FEMALE | Under 1 Hr. | 1-23 Hrs. | 1 Day | 2 Days | 3 Days | 4 Days | 5-6 Days | 7-13 Days | 14-20 Days | 21-27 Days | 1 Mon. | 2 Mon. | 3-5 Mon. | 6-11 Mon. |
| Belknap | 5 | 4 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Carroll | 5 | 1 | 4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Cheshire | 14 | 11 | 3 | 2 | 4 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 |
| Coos | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Grafton | 6 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Hillsborough | 60 | 37 | 23 | 12 | 17 | 3 | 3 | 2 | 0 | 1 | 2 | 2 | 1 | 1 | 11 | 5 | 0 |
| Merrimack | 15 | 9 | 6 | 0 | 5 | 0 | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 2 | 1 | 1 |
| Rockingham | 26 | 15 | 11 | 1 | 14 | 3 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 2 |
| Strafford | 15 | 10 | 5 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 1 |
| Sullivan | 7 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| STATE | 155 | 99 | 56 | 25 | 52 | 10 | 7 | 3 | 2 | 5 | 7 | 4 | 5 | 5 | 15 | 10 | 5 |

TABLE 27 CAUSES OF RESIDENT INFANT DEATHS* BY SEX ACCORDING TO AGE, NEW HAMPSHIRE, 1982

| CAUSE OF DEATH WITH ICD-9 NO. | SEX | - AGE - | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Under One Hour | 1-23 Hours | 1-6 Days | 7-27 Days | One Month | 2-11 Months | Total Under 1 Yr |
| Pneumonia & Influenza (480-487) | M | 0 | 0 | 0 | 0 | 1 | 2 | 3 |
| | F | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| | M & F | 0 | 0 | 1 | 0 | 1 | 3 | 5 |
| Congenital Anomalies (740-759) | M | 2 | 4 | 5 | 3 | 1 | 4 | 19 |
| | F | 3 | 2 | 1 | 3 | 0 | 0 | 9 |
| | M & F | 5 | 6 | 6 | 6 | 1 | 4 | 28 |
| Disorders relating to short gestation & unspecified low birthweight (765) | M | 1 | 6 | 0 | 0 | 0 | 0 | 7 |
| | F | 1 | 5 | 1 | 0 | 0 | 0 | 7 |
| | M & F | 2 | 11 | 1 | 0 | 0 | 0 | 14 |
| Birth trauma (767) | M | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| | F | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | M & F | 0 | 0 | 1 | 1 | 0 | 0 | 2 |
| Intrauterine hypoxia & birth asphyxia (768) | M | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| | F | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| | M & F | 1 | 0 | 2 | 0 | 0 | 0 | 3 |
| Respiratory distress syndrome (769) | M | 0 | 2 | 6 | 1 | 0 | 2 | 11 |
| | F | 0 | 2 | 2 | 0 | 0 | 0 | 4 |
| | M & F | 0 | 4 | 8 | 1 | 0 | 2 | 15 |
| Other conditions originating in perinatal period (760-764, 766, 770-779) | M | 13 | 21 | 6 | 2 | 0 | 0 | 42 |
| | F | 3 | 8 | 2 | 4 | 0 | 1 | 18 |
| | M & F | 16 | 29 | 8 | 6 | 0 | 1 | 60 |
| Sudden infant death syndrome (798.0) | M | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| | F | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| | M & F | 0 | 0 | 0 | 0 | 0 | 9 | 9 |
| All other causes (Residual) | M | 1 | 0 | 0 | 1 | 2 | 4 | 8 |
| | F | 0 | 2 | 0 | 1 | 1 | 7 | 11 |
| | M & F | 1 | 2 | 0 | 2 | 3 | 11 | 19 |
| TOTAL | M | 17 | 33 | 19 | 8 | 4 | 18 | 99 |
| | F | 8 | 19 | 8 | 8 | 1 | 12 | 56 |
| | M & F | 25 | 52 | 27 | 16 | 5 | 30 | 155 |

*Cause of death classification and ICD-9 codes comparable to those used in national vital statistics reports of the National Center for Health Statistics.




## Marriage

In 1982, 10,584 marriages were recorded in New Hampshire, 597 more than in 1981. The number of marriages per 1,000 population was 11.1, reflecting an increase from the 1981 rate of 10.7. The 1982 state rate was slightly above the 1982 nationwide rate of 10.8 per 1,000 persons.

The median age of brides and of grooms increased in 1982 compared to 1981. Brides were 24.7 median years of age as against 24.2 median years in 1981 while the median age of grooms was 27.1 years in comparison with 26.6 years in 1981.

The educational attainment of grooms marrying in 1982 was higher than that of 1981 grooms: 42.2 percent had one or more years of college, compared to 41.9 percent in 1981. The educational level of brides however, exhibited almost no change. Those with one or more years of college comprised 38.8 percent of all brides in 1982. For 1981, this percentage was 38.9.

First marriage for both bride and groom as a percentage of all marriages declined again, dropping from 52.8 percent in 1981 to 50.9 percent in 1982. The percentage of first-time brides decreased from 65.5 percent in 1981 to 63.0 percent in 1982 while the percentage of first marriages among grooms declined from 63.5 to 61.9 percent

## Divorce

The 1982 number of divorces totaled to 5,045, a decrease of 243 in number from 1981 and the corresponding divorce rate was 5.3 per 1,000 population, representing a decline from the 1981 rate of 5.6. The New Hampshire divorce rate remained above the national rate which was 5.1 per 1,000 persons in 1982.

Half of all 1982 divorces took place after less than 7.8 years of marriage, reflecting an increase in the duration of marriages ending in divorce since 1981, when the median was 7.2 years.

The number of divorces involving minor children was 3,044 (60.3 percent of all divorces) and in these dissolutions of marriage, the numbers of minors totaled to 5,540. Table 32 provides the numbers of minor children involved in divorce cases, as well as total divorces and divorces involving minors, by county.

The year 1982 was marked by change in the state's statutes relative to the award of custody of minor children in divorce proceedings.* The result of this change (effected on January 1, 1982) was to create two classes of custody award, one legal and the other, physical, where previously there had been one, legal custody. In addition, the statutory revision provided for the presumption "that joint legal custody is in the best interests of a minor

* *N.H. RSA 458:17 (supp) amended.*

child" in the making of an "order relative to such custody," unless the court decides otherwise. The award of physical custody of minors however, was not made subject to such a presumption.

Because of this change in the law, the 1982 award of physical custody statistics presented in this report are not strictly comparable to award of custody statistics contained in previous editions of the annual report.

The number of 1982 divorces involving minors that were open to contests over the award of physical custody of the children was 2,938 (or 96.5 percent of 3,044 divorces). In most of these dissolutions, 2,427 (82.6 percent), the court's award of physical custody was not disputed while in 511 instances (17.4 percent) the award was contested.

In cases where the physical custody award had not been contested, the mother of the children was the most frequent recipient of custody, 80.7 percent of the time, while the father was awarded physical custody in 9.4 percent of such cases. On 57 occasions (2.3 percent), the mother and father were awarded joint physical custody of the minors.

Where the award of physical custody was in contention (511 cases) mothers received custody in 77.1 percent of awards while fathers acquired custody 10.0 percent of the time. Joint mother-father physical custody awards were made in 4.9 percent of these cases. See Table 31.

TABLE 28 AGE OF BRIDE BY AGE OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1982

- AGE OF BRIDE -

| AGE OF GROOM | TOTAL | 13-17 | 18-19 | 20-21 | 22-23 | 24-25 | 26-27 | 28-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85+ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 to 17 | 31 | 16 | 11 | 2 | | 1 | | 1 | | | | | | | | | | | | |
| 18 to 19 | 470 | 89 | 246 | 90 | 17 | 18 | 3 | 4 | 1 | 2 | | | | | | | | | | |
| 20 to 21 | 1103 | 73 | 402 | 384 | 143 | 40 | 31 | 9 | 13 | 6 | 2 | | | | | | | | | |
| 22 to 23 | 1411 | 28 | 283 | 461 | 360 | 142 | 64 | 27 | 26 | 13 | 5 | 1 | | | 1 | | | | | |
| 24 to 25 | 1368 | 14 | 147 | 279 | 378 | 280 | 108 | 76 | 66 | 17 | 2 | | | | 1 | | | | | |
| 26 to 27 | 1138 | 2 | 61 | 145 | 229 | 253 | 205 | 99 | 98 | 30 | 13 | 3 | | | | | | | | |
| 28 to 29 | 870 | 2 | 35 | 82 | 125 | 154 | 174 | 130 | 135 | 98 | 3 | 2 | | | | | | | | |
| 30 to 34 | 1518 | 2 | 40 | 84 | 171 | 195 | 230 | 234 | 388 | 138 | 28 | 7 | 1 | | | | | | | |
| 35 to 39 | 935 | | 11 | 19 | 45 | 76 | 93 | 108 | 294 | 196 | 73 | 14 | 6 | | | | | | | |
| 40 to 44 | 561 | 1 | 4 | 10 | 11 | 24 | 40 | 39 | 134 | 145 | 95 | 43 | 14 | 1 | | | | | | |
| 45 to 49 | 391 | | 1 | 5 | 5 | 14 | 14 | 20 | 67 | 80 | 91 | 62 | 25 | 3 | 4 | | | | | |
| 50 to 54 | 270 | | 2 | 2 | 2 | 1 | 4 | 6 | 29 | 47 | 58 | 48 | 46 | 18 | 6 | | 1 | | | |
| 55 to 59 | 202 | | | 1 | | 2 | 2 | 1 | 16 | 11 | 45 | 43 | 41 | 24 | 10 | 2 | 2 | 2 | | |
| 60 to 64 | 140 | | | 1 | | 1 | | 2 | 2 | 7 | 14 | 12 | 35 | 26 | 26 | 10 | 2 | 1 | 1 | |
| 65 to 69 | 82 | | | | | | 1 | | 1 | 3 | 7 | 5 | 13 | 15 | 15 | 15 | 7 | | | |
| 70 to 74 | 56 | | | | | | | | 1 | | 1 | 3 | 6 | 5 | 4 | 19 | 14 | 2 | 1 | |
| 75 to 79 | 22 | | | | 1 | | | | | | | | 1 | 3 | 7 | 5 | 2 | 3 | | |
| 80 to 84 | 11 | | | | | 1 | 1 | | | | 1 | | | | 2 | | 4 | 2 | 1 | |
| 85 to 99 | 5 | | | | | 1 | | | | | | | | | 1 | | 2 | | | 1 |
| TOTAL | 10584 | 227 | 1243 | 1565 | 1487 | 1293 | 970 | 756 | 1271 | 723 | 438 | 243 | 188 | 95 | 76 | 51 | 34 | 10 | 3 | 1 |

TABLE 29 EDUCATION OF BRIDE BY EDUCATION OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1982

LAST GRADE COMPLETED BY BRIDE

| LAST GRADE COMPLETED BY GROOM | TOTAL | UNDER 9 YEARS | HIGH SCHOOL 1 Yr. | 2 Yrs. | 3 Yrs. | 4 Yrs. | COLLEGE 1 Yr. | 2 Yrs. | 3 Yrs. | 4 Yrs. | Over 4 Yrs. | Not Stated |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 Yrs. or less | 397 | 74 | 35 | 55 | 34 | 162 | 17 | 10 | 3 | 6 | 1 | |
| 1 Yr.High School | 334 | 20 | 54 | 48 | 26 | 159 | 20 | 3 | 1 | 2 | 1 | |
| 2 Yrs.High School | 498 | 26 | 39 | 86 | 65 | 232 | 26 | 12 | 2 | 8 | 2 | |
| 3 Yrs.High School | 483 | 15 | 31 | 56 | 80 | 240 | 31 | 18 | 7 | 3 | 1 | 1 |
| 4 Yrs.High School | 4384 | 67 | 108 | 214 | 262 | 2694 | 326 | 329 | 106 | 228 | 50 | |
| 1 Yr. College | 737 | 3 | 9 | 25 | 22 | 326 | 131 | 88 | 30 | 81 | 22 | |
| 2 Yrs.College | 1140 | 12 | 9 | 18 | 29 | 479 | 150 | 214 | 41 | 159 | 29 | |
| 3 Yrs.College | 372 | 2 | 1 | 6 | 11 | 113 | 43 | 63 | 40 | 76 | 17 | |
| 4 Yrs.College | 1427 | 6 | 3 | 14 | 11 | 343 | 113 | 201 | 95 | 518 | 122 | 1 |
| Over 4 Yrs. | 793 | 1 | | 7 | 3 | 123 | 56 | 84 | 46 | 227 | 244 | 2 |
| Not Stated | 19 | | 1 | 1 | | 1 | | | | | 1 | 15 |
| TOTAL | 10584 | 226 | 290 | 530 | 543 | 4872 | 913 | 1022 | 371 | 1308 | 490 | 19 |

TABLE 30 NUMBER OF MARRIAGE FOR BRIDE BY NUMBER OF MARRIAGE FOR GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1982

| THIS MARRIAGE FOR GROOM | THIS MARRIAGE FOR BRIDE | | | | | |
|---|---|---|---|---|---|---|
| | TOTAL | FIRST | SECOND | THIRD | FOURTH | FIFTH OR MORE |
| First | 6,555 | 5,382 | 1,040 | 115 | 16 | 2 |
| Second | 3,315 | 1,161 | 1,773 | 307 | 53 | 11 |
| Third | 622 | 116 | 356 | 127 | 19 | 4 |
| Fourth | 90 | 13 | 46 | 25 | 3 | 3 |
| Fifth | 9 | 1 | 4 | 3 | 1 | |
| Sixth | 3 | | | | 1 | 2 |
| TOTAL: | 10,584 | 6,673 | 3,219 | 577 | 93 | 22 |

TABLE 31 AWARD OF PHYSICAL CUSTODY OF MINOR CHILDREN IN UNCONTESTED AND CONTESTED CASES OF PHYSICAL CUSTODY AWARDS, DIVORCE OCCURRENCES, NEW HAMPSHIRE, 1982

| Physical Custody Awarded to: | CUSTODY CASES | | | |
|---|---|---|---|---|
| | UNCONTESTED[1.] | | CONTESTED | |
| | No. | % | No. | % |
| Mother | 1958 | 80.7 | 394 | 77.1 |
| Father | 227 | 9.4 | 51 | 10.0 |
| Mother & Father Jointly | 57 | 2.3 | 25 | 4.9 |
| Split[2.] | 134 | 5.5 | 29 | 5.7 |
| All Other | 51 | 2.1 | 12 | 2.3 |
| TOTAL | 2427 | 100.0 | 511 | 100.0 |

1. Includes defaulted cases.
2. Custody of each child awarded on separate basis, with custody of one child or more given to mother and custody of one child, or more, given to father.

TABLE 32 NUMBER OF DIVORCES AND NUMBER INVOLVING MINOR CHILDREN WITH NUMBER OF MINORS, BY COUNTY, NEW HAMPSHIRE, 1982

| DIVORCES AND MINORS | - COUNTY* - | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Belk. | Carr. | Ches. | Coos | Graft. | Hills. | Merr. | Rock. | Straf. | Sull. | TOTAL |
| All Divorces | 233 | 129 | 343 | 134 | 285 | 1603 | 479 | 1148 | 491 | 200 | 5045 |
| No. Divorces with Minors | 148 | 75 | 216 | 92 | 171 | 985 | 282 | 668 | 298 | 109 | 3044 |
| No. of Minors | 263 | 139 | 394 | 172 | 309 | 1810 | 518 | 1191 | 539 | 205 | 5540 |

* County of issuance of decree of dissolution

- APPENDIX -

## DEFINITIONS

| | |
|---|---|
| Birth Weight | Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces). |
| Deliveries | Live births and fetal deaths. |
| Early Neonatal Death (or Hebdomadal Death) | Death occurring to an individual less than seven days of age. |
| Fetal Death (reportable) | Death prior to the complete expulsion or extraction from the mother of a product of conception, having passed through at least the 20th week of gestation (the weight of which is 350 grams or more); the fetus shows no signs of life such as a beating heartbeat, pulsation of the umbilical cord, or definite movement of voluntary muscles. |
| Gestational Period | Number of weeks elapsed between the first day of the last menstrual period and date of delivery. |
| Out-of-Wedlock Birth | Birth record states mother "not married" on date of child's birth. |
| Infant Death | Death occurring to an individual less than 1 year of age. |
| Late Neonatal Death | Death occurring between 7 and 28 days after birth. |
| Live Birth | A live birth is a complete expulsion or extraction from its mother a product of conception, irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or a definite movement of voluntary muscles. |
| Live-Birth Order | Order number is equal to number of previous live births plus current birth. |
| Low Birth Weight | Birth wherein the birth weight is less than 2500 grams (approximately 5 lbs. 8 oz.). |
| Maternal Death | Those deaths wherein the physician has designated a maternal condition as the underlying cause of death. |
| Neonatal Death | Death occurring to an infant less than 28 days of age. |
| Occurrence | Place where event actually occurred regardless of residence. |
| Perinatal Death | Fetal Death or a death under one week of age. |
| Race | Race of mother, father, or decedent is as stated on certificate. |
| Residence | Usual place of residence for person to whom event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence. |

- APPENDIX -

## RATE FORMULAS

**Age-Adjusted Death Rate** = (Age-Specific Death Rates/X/Proportion of standard population in Specific Age Group)

**Age-Specific Birth Rate** = $\frac{\text{No. of Resident Live Births for a Specific Age of Mother}}{\text{Tot. Female Population of Specific Age (Mid Year)}} \times 1{,}000$

**Age-Specific Death Rate** = $\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Tot.Resident Population in Specific Age Group}} \times 100{,}000$

**Crude Birth Rate** = $\frac{\text{No. of Resident Live Births}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

**Crude Death Rate** = $\frac{\text{No. of Resident Deaths}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

**Divorce Rate** = $\frac{\text{No. of Divorces, Annulments, Leg.Separations}}{\text{Tot. Resident Population (Mid-Year)}} \times 1{,}000$

**Early Neonatal Death (or Hebdomadal Death) Rate** = $\frac{\text{No. of Early Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

**Fertility Rate** = $\frac{\text{No. of Resident Live Births}}{\text{Tot.Resident Female Population (15-44)}} \times 1{,}000$

**Fetal Death Rate** = $\frac{\text{No. of Resident Fetal Deaths}}{\text{No.of Res.Live Births \& Res.Fetal Deaths}} \times 1{,}000$

**Out-of-Wedlock Birth Rate** = $\frac{\text{No. of Out-of-Wedlock Births}}{\text{Total Resident Live Births}} \times 1{,}000$

**Infant Death Rate** = $\frac{\text{No. of Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

**Low-weight Birth Rate** = $\frac{\text{No. of Live Births (Less than 2500 grams)}}{\text{Total Resident Live Births}} \times 1{,}000$

**Marriage Rate** = $\frac{\text{No. of Marriages}}{\text{Tot.Resident Population (Mid-Year)}} \times 1{,}000$

**Maternal Death Rate** = $\frac{\text{No. of Maternal Deaths}}{\text{Total Resident Live Births}} \times 10{,}000$

**Neonatal Death Rate** = $\frac{\text{No. of Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

**Perinatal Death Rate** = $\frac{\text{No. of Perinatal Deaths}}{\text{Total Resident Live Births and Resident Fetal Deaths}} \times 1{,}000$

# INDEX


ACCIDENTAL DEATHS - 27
- Non-Motor Vehicle - 27
- Motor Vehicle - 27

BIRTHS (Natality) - 15
- Age of Mother - 15
- Anomalies - 18, 19, 20, 21
- County/Town, Resident - 11, 12, 13, 14
- Home - 17
- Hospital -17, 18, 19, 20, 21
- Hospital Statistics - 22
- Low Weight - 16
- Rates - 15
- Teenage Mother - 15, 17

CANCER DEATHS - 26
- Sex - 26
- Site - 26
- Rates - 26

CAUSE OF DEATH - 23
- Accidents - 27
- Cancer - 23
- Cerebrovascular Disease - 25
- Heart Disease - 25
- Leading Causes - 23
  - Age and Sex - 24
  - All Deaths - 24
  - Infant Deaths - 32
- Selected Causes (25) - 28, 29, 30

COUNTY DATA - see below
- Births, Resident - 11, 12, 13, 14
- Births by Selected Characteristics - 18,19,20
- Cancer Death Rates - 26
- Deaths, Resident - 11, 12, 13, 14
- Divorce - 11, 12, 13, 14,
- Early Neonatal Deaths - 31
- Fetal Deaths - 31
- Heart Disease Death Rates - 25
- Infant Deaths - 31
- Low Birth Weight Rates - 16
- Marriage - 11, 12, 13, 14,
- Neonatal Deaths - 31
- Perinatal Deaths - 31
- Population - 4, 11, 12, 13, 14
- Selected Causes of Death (25) - 28, 29, 30

DEATHS - 23
- Accidental - 27
- Cancer - 26
- County/Town Resident - 11, 12, 13, 14
- Early Neonatal - 31
- Fetal - 31
- Heart Disease - 25
- Infant - 31, 32
- Leading Causes - 23
  - In Age Groups - 24
  - Statewide - 23
- Neonatal - 31
- Rate - 24, 25
- Selected Causes (25) - 28, 29, 30

DEFINITIONS - 36

DIVORCE - 33
- Minor Children - 35

EARLY NEONATAL DEATHS - 31

FETAL DEATHS - 31

HEART DISEASE DEATHS - 25

HOME BIRTHS - 17

INFANT DEATHS - 31, 32

MARRIAGES - 33
- Age - 34
- Education - 34

NATALITY - See Births - 15

NEONATAL DEATHS - 31

POPULATION - 11, 12, 13, 14

RATE FORMULAS - 37

SUMMARY STATISTICS - 2

TOWN DATA - see below
- Births, Resident - 11, 12, 13, 14
- Births & Selected Characteristics - 18,19,20,21
- Causes of Death (25) - 28, 29, 30
- Deaths - 11, 12, 13, 14
- Marriages - 11, 12, 13, 14
- Population - 11, 12, 13, 14

TRENDS - 2